U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA AND INFORMATION SERVICE

National Climatic Data Center

Federal Building

Asheville, N.C. 28801

I certify that this is an official microform of the National Oceanic and Atmospheric Administration and is prepared from records received at the National Climatic Data Center, Asheville, North Carolina 28801.

Kenneth D Hadeen
Kenneth D. Hadeen
Director

NOAA Form 48 - 344
(Rev. 3 - 90)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

CONSTANT PRESSURE CHARTS

JULY 1991

ALL AVAILABLE CHARTS FILMED

850 MB NORTH AMERICAN	**NMC**
700 MB NORTH AMERICAN	**NMC**
500 MB NORTH AMERICAN	**NMC**
300 MB NORTH AMERICAN	**NMC**
250 MB NORTH AMERICAN	**NMC**
200 MB NORTH AMERICAN	**NMC**
100 MB NORTH AMERICAN	**NMC**
850 MB NORTHERN HEMISPHERE	**NWP**
700 MB NORTHERN HEMISPHERE	**NWP**
500 MB NORTHERN HEMISPHERE	**NWP**
300 MB NORTHERN HEMISPHERE	**NWP**
250 MB NORTHERN HEMISPHERE	**NWP**
200 MB NORTHERN HEMISPHERE	**NWP**
100 MB STRATOSPHERIC	
70 MB STRATOSPHERIC	
50 MB STRATOSPHERIC	
30 MB STRATOSPHERIC	
10 MB STRATOSPHERIC	

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Service
National Climatic Data Center

THE FOLLOWING CHARTS ARE NOT AVAILABLE:

CONSTANT PRESSURE CHARTS

JULY 1991

NORTH AMERICAN

100MB

01-00Z

NORTHERN HEMISPHERE

850MB

14-00Z
21-12Z

700MB

14-00Z
21-12Z

500MB

14-00Z
21-12Z

300MB

14-00Z
21-12Z

250MB

14-00Z
21-12Z
28-00Z

200MB

14-00Z
21-12Z
28-00Z

STRATOSPHERE

NOT AVAILABLE

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING

(Rev. 8-83)

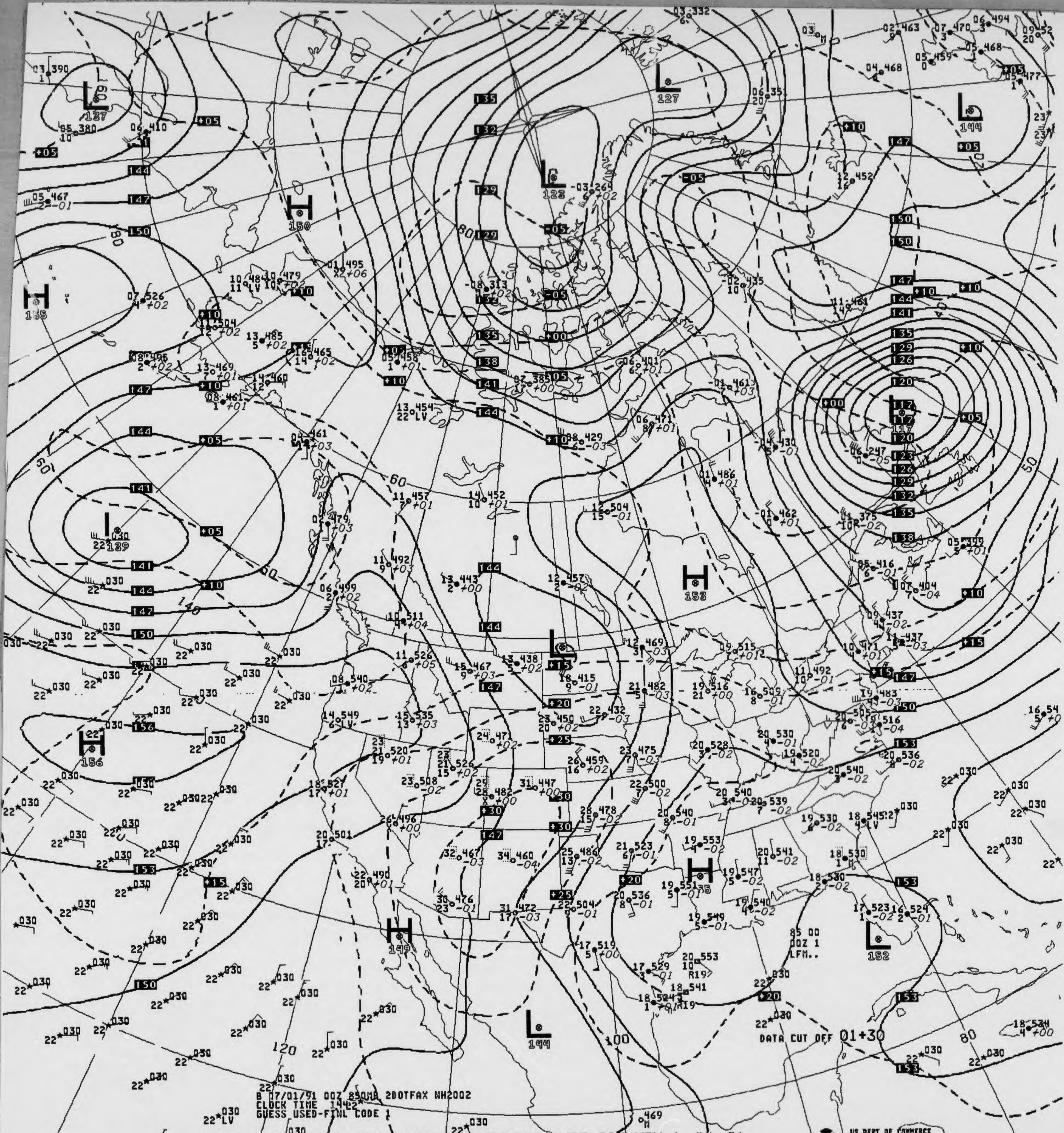
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information S
National Climatic Data Center

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

850 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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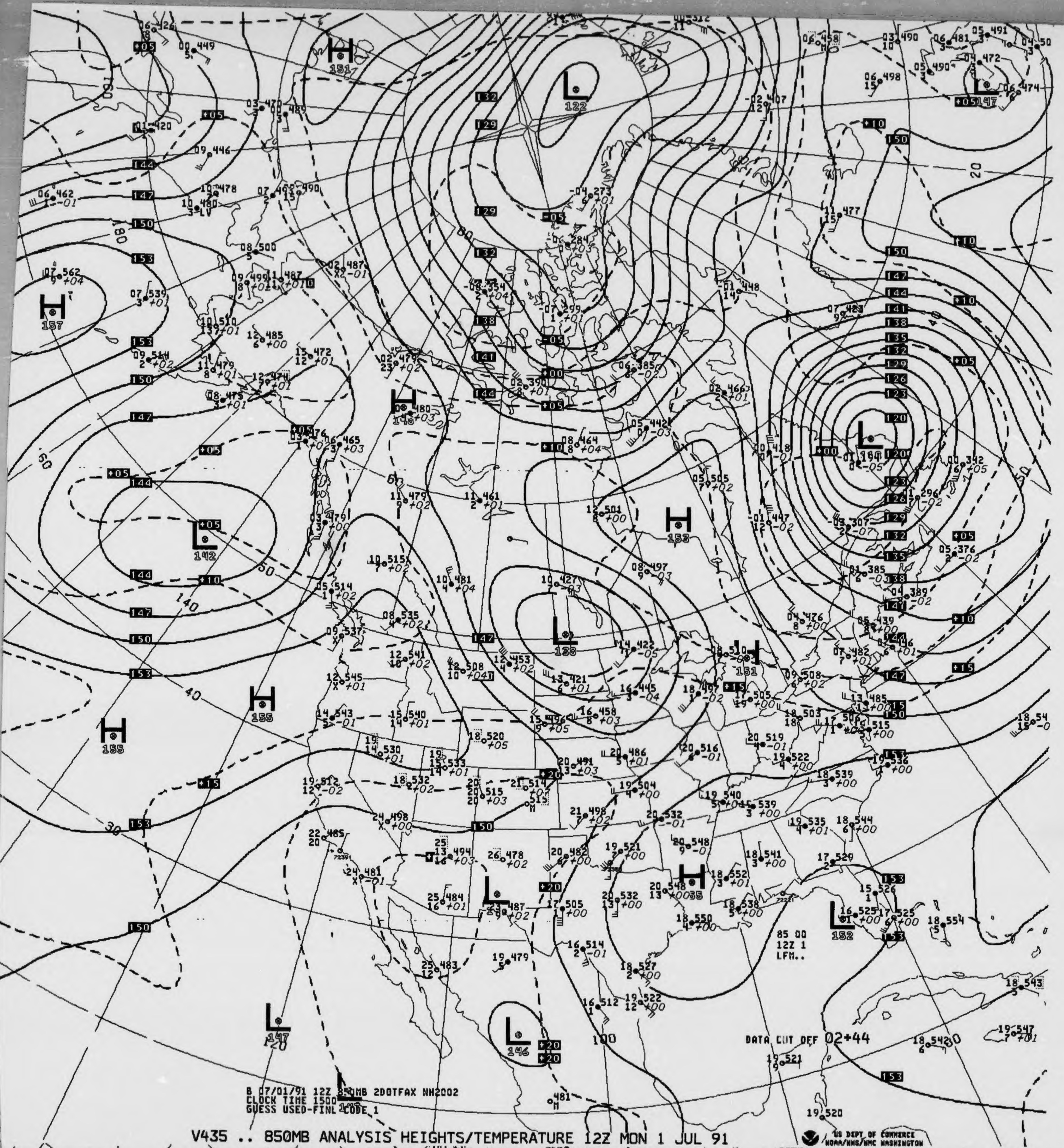
CLOCK TIME 1442
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 1 JUL 91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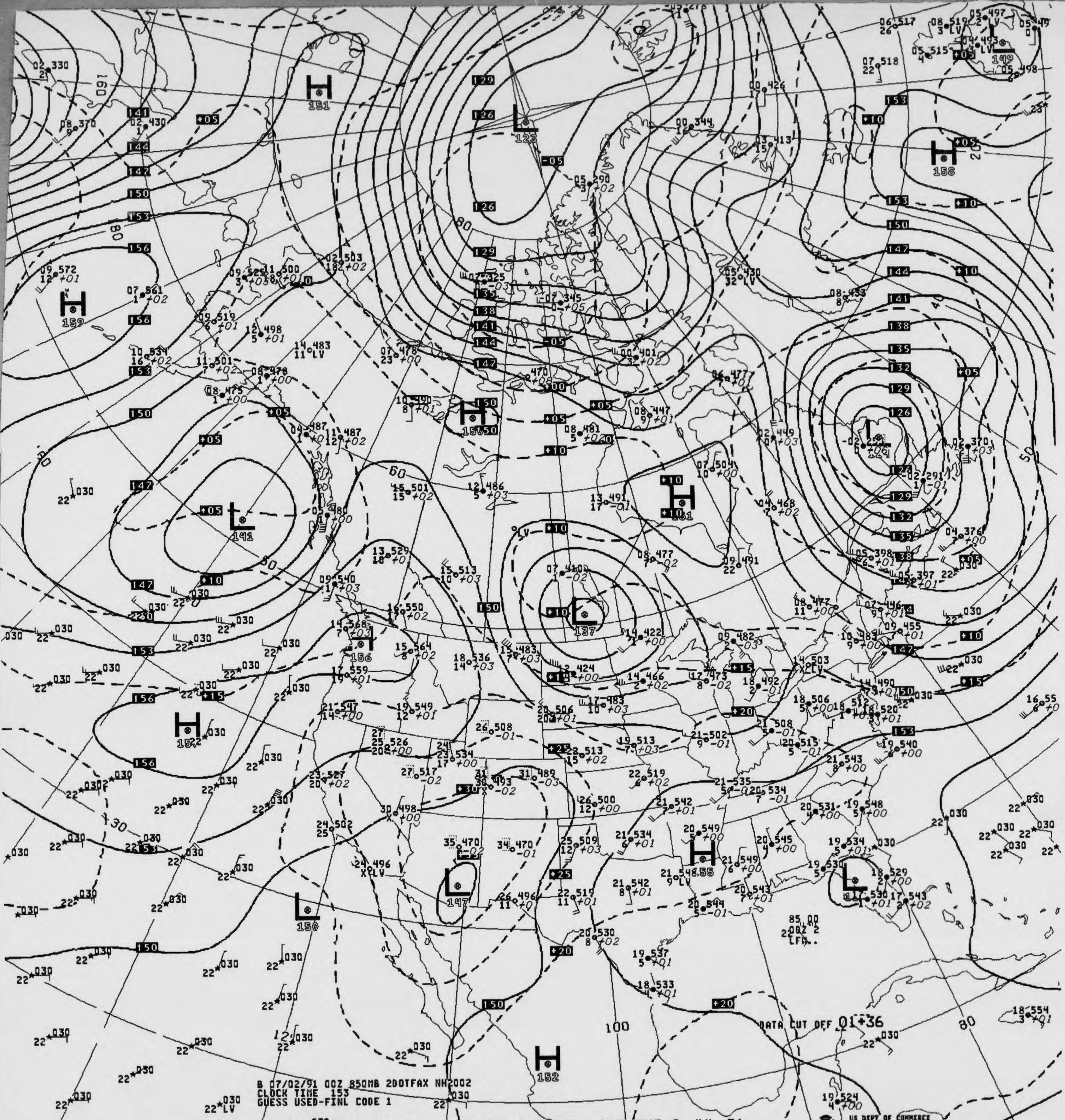
V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 1 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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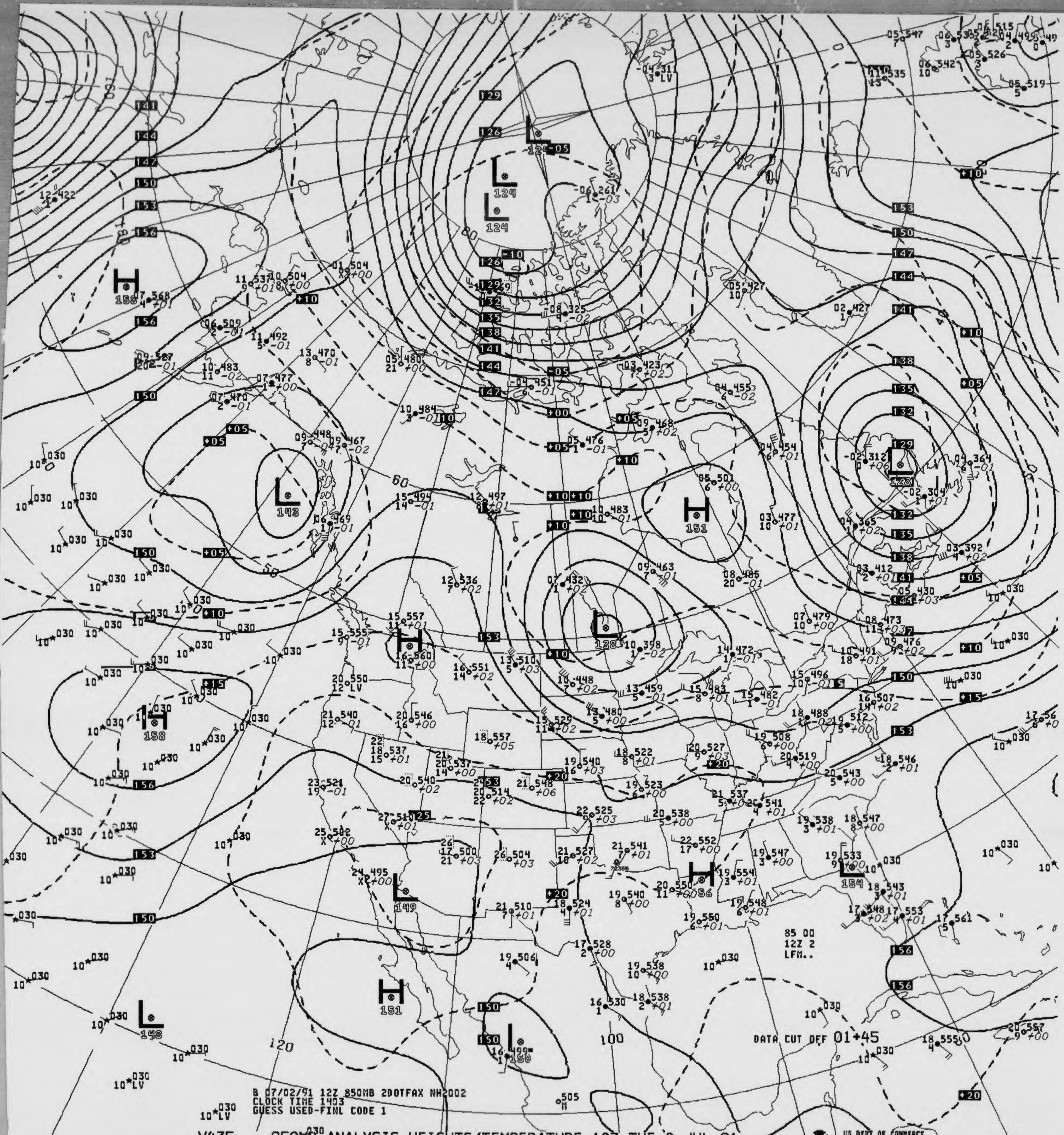
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 151
H 151
H 158
L 143
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L 124
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L 149
L 148
L 150
L 154
H 56
120
100
60
50

B 07/02/91 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1403
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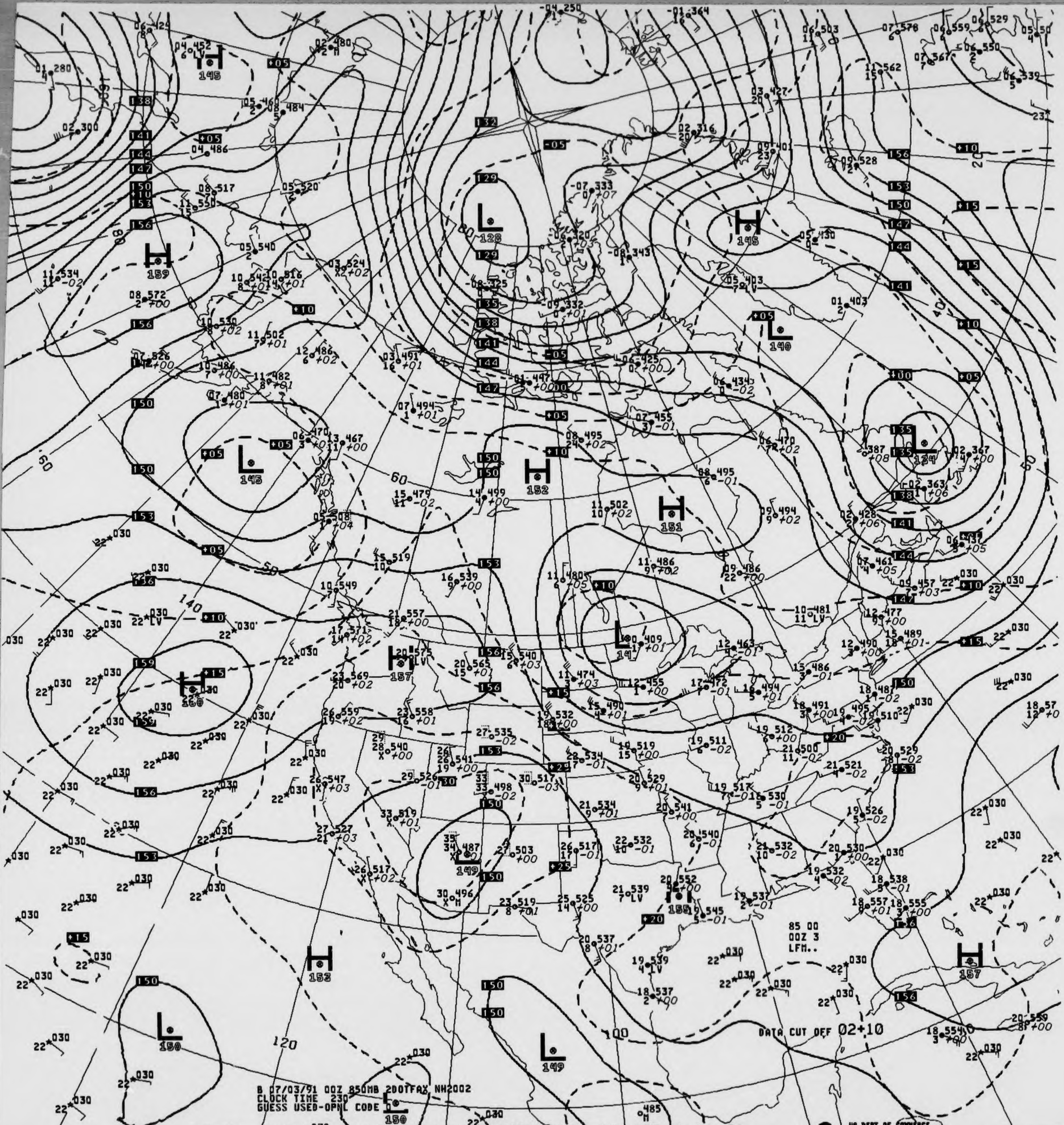
V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 2 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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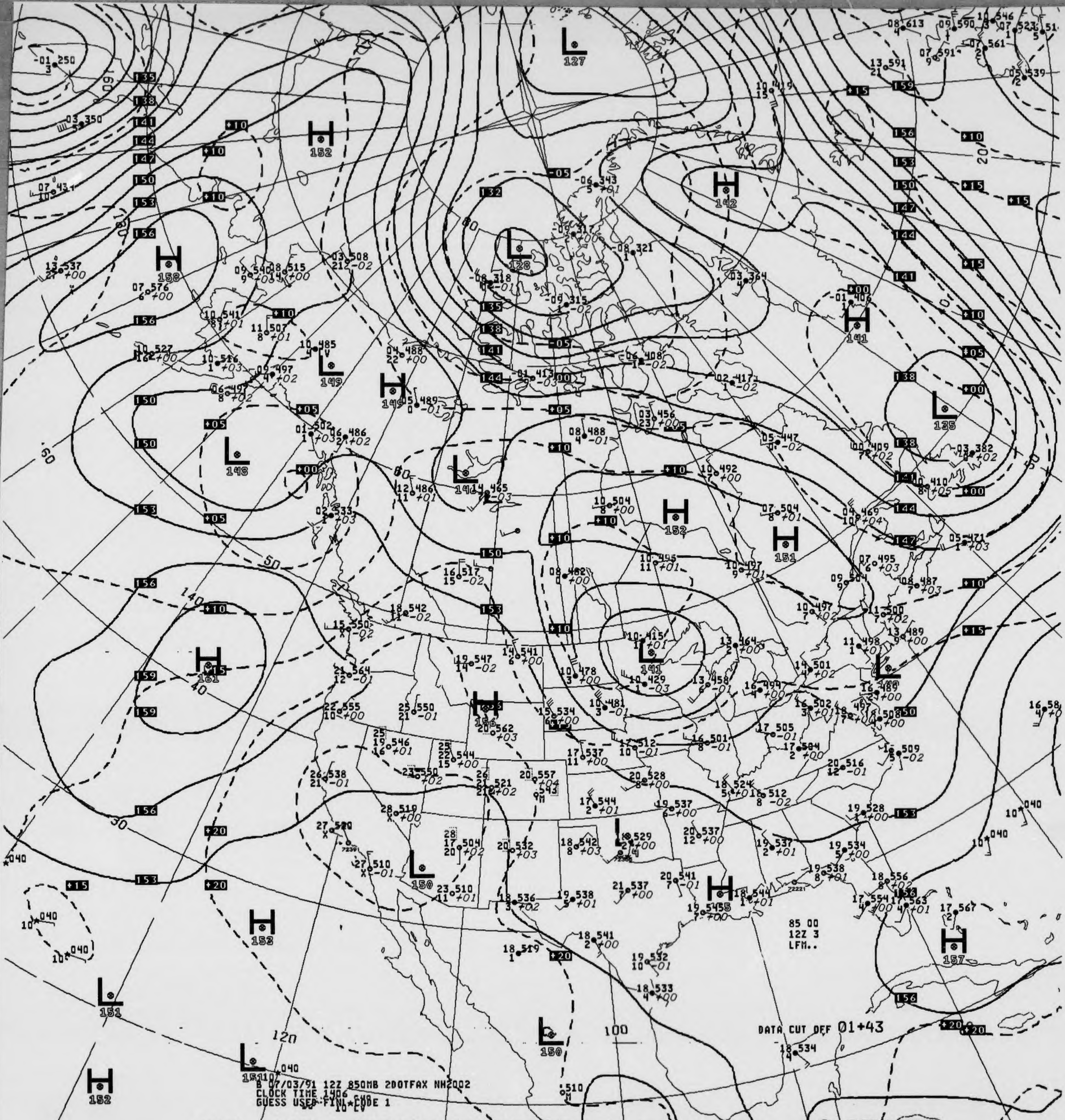
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 3 JUL 91


L 127
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H 142
L 128
H 158
L 149
H 149
L 148
L 146
H 152
H 151
H 141
L 135
H 161
L 141
H 156
L 150
H 153
H 157
L 151
L 150
L 151
H 152
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12Z 3
LFM..
DATA CUT OFF 01+43
B 07/03/91 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1406
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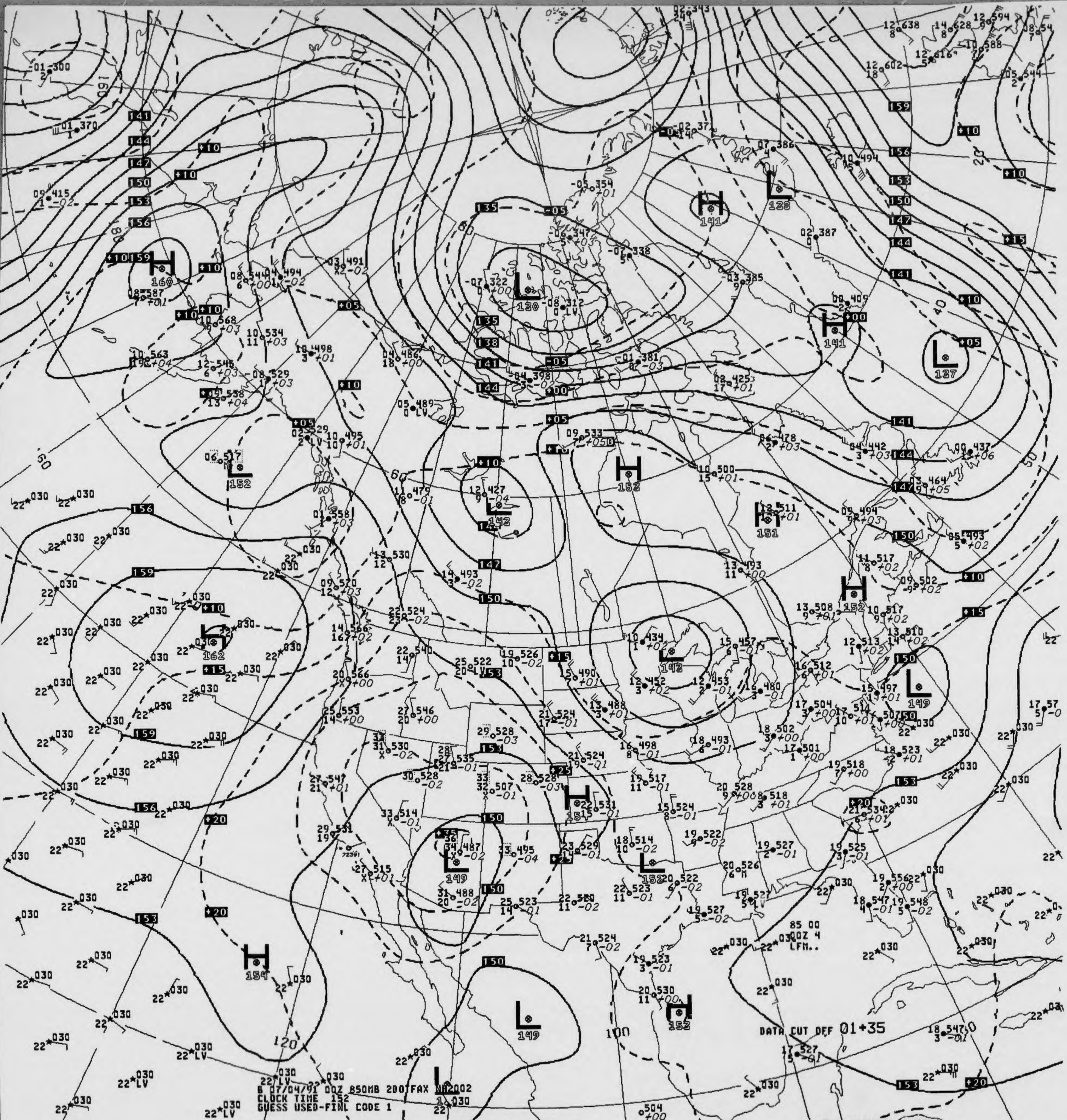
V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 3 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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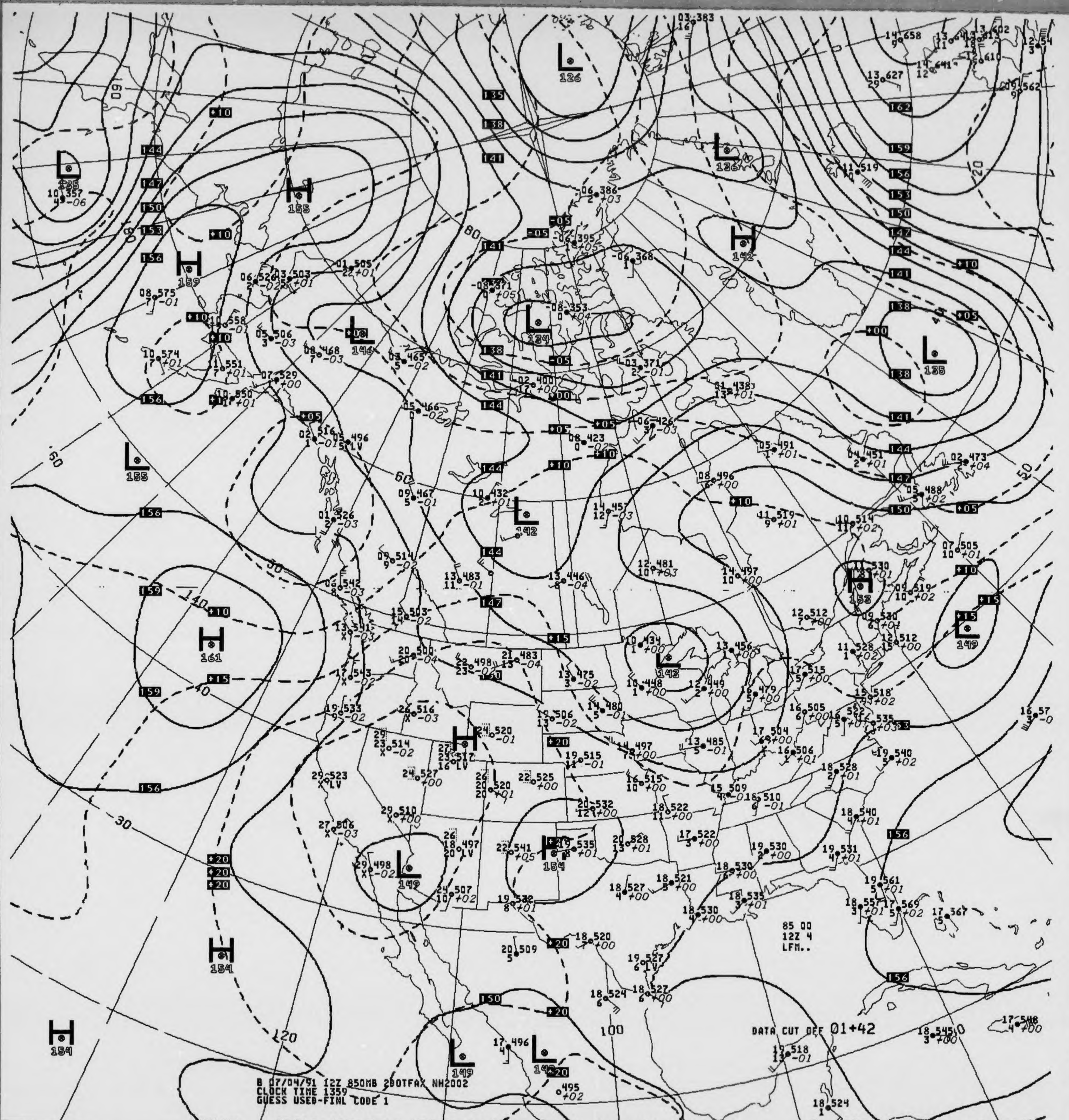
H 160
H 141
L 138
L 130
H 141
L 137
L 152
H 153
L 143
H 151
H 152
H 162
L 142
L 149
H 151
L 149
L 152
H 154
L 149
H 153
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

030 V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 4 JUL 91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126
L
136
L
135
H
155
H
159
H
142
L
134
L
135
L
146
L
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L
142
H
161
H
152
L
149
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142
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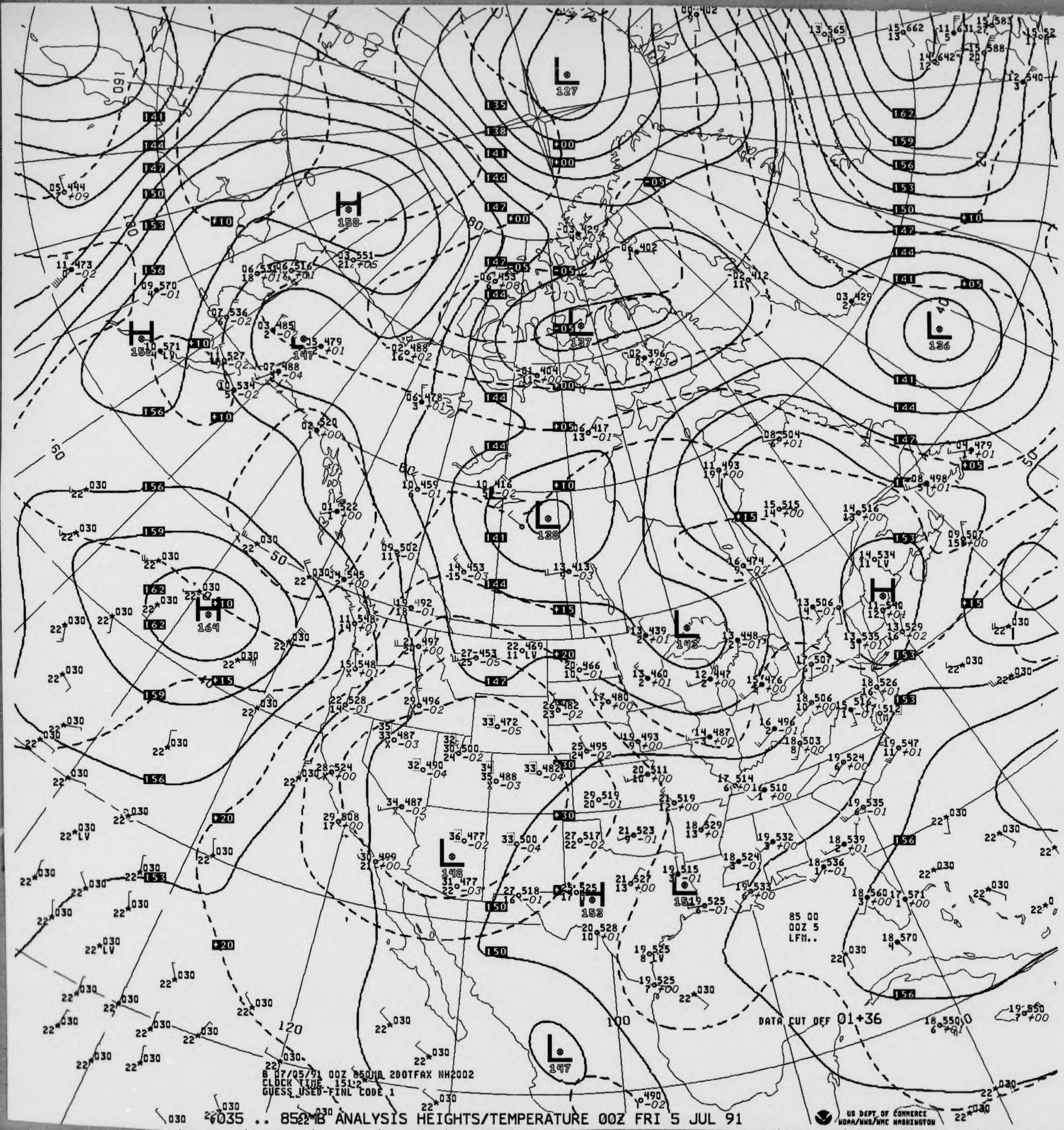
149
H
154
H
154
L
149
L
142
85 00
12Z 4
LFM..

B 07/04/91 12Z 850MB 200TFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1

DATA CUT OFF 01+42

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 4 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 127
H 158
H 156
L 147
L 137
L 136
L 138
H 164
L 143
H
L 148
H 153
L 151
L 147
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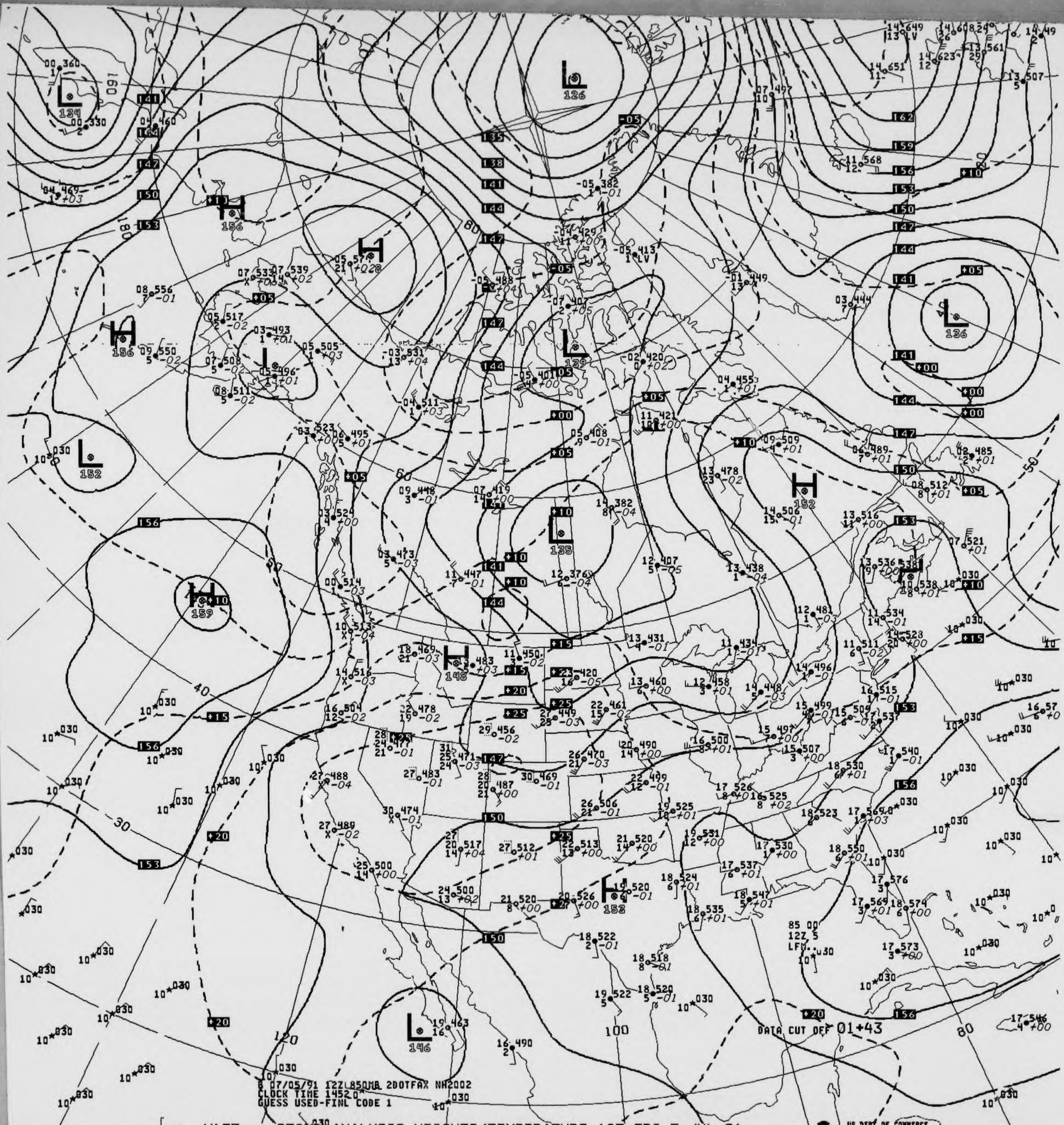
00Z 5
LFM..
DATA CUT OFF 01+36
B 07/05/91 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 151:2
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

6035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 5 JUL 91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CLOCK TIME 1452Z
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12Z 5
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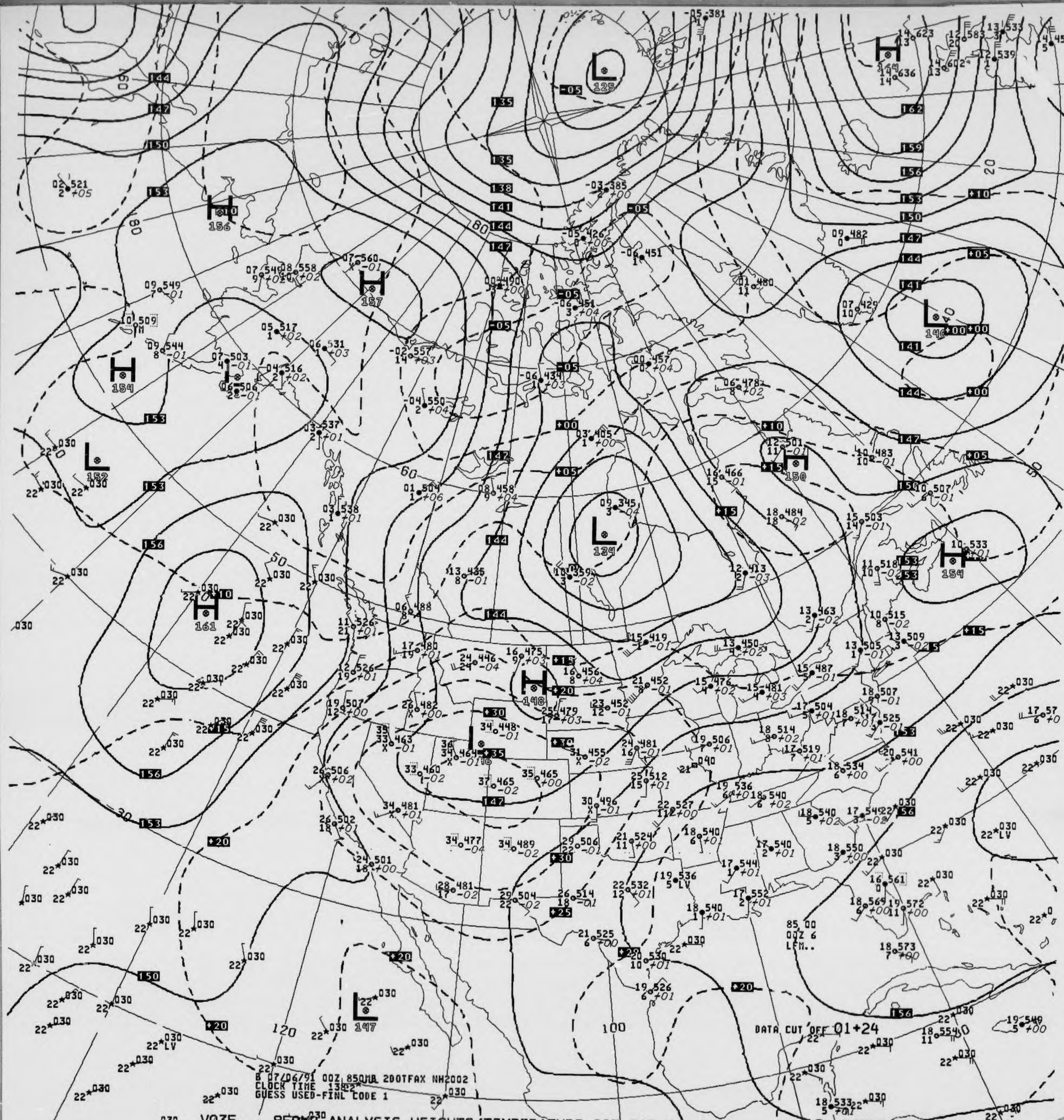
L 126
L 134
L 136
L 139
L 135
L 152
L 146
H 156
H 156
H 159
H 148
H 152
H 153
H 162

030 V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 5 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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LFM..
DATA CUT OFF 01+24
H 156
H 157
H 154
L 152
H 161
L 125
L 134
H 148
L 147
H 150
L 140
H 154
H 149
L 147
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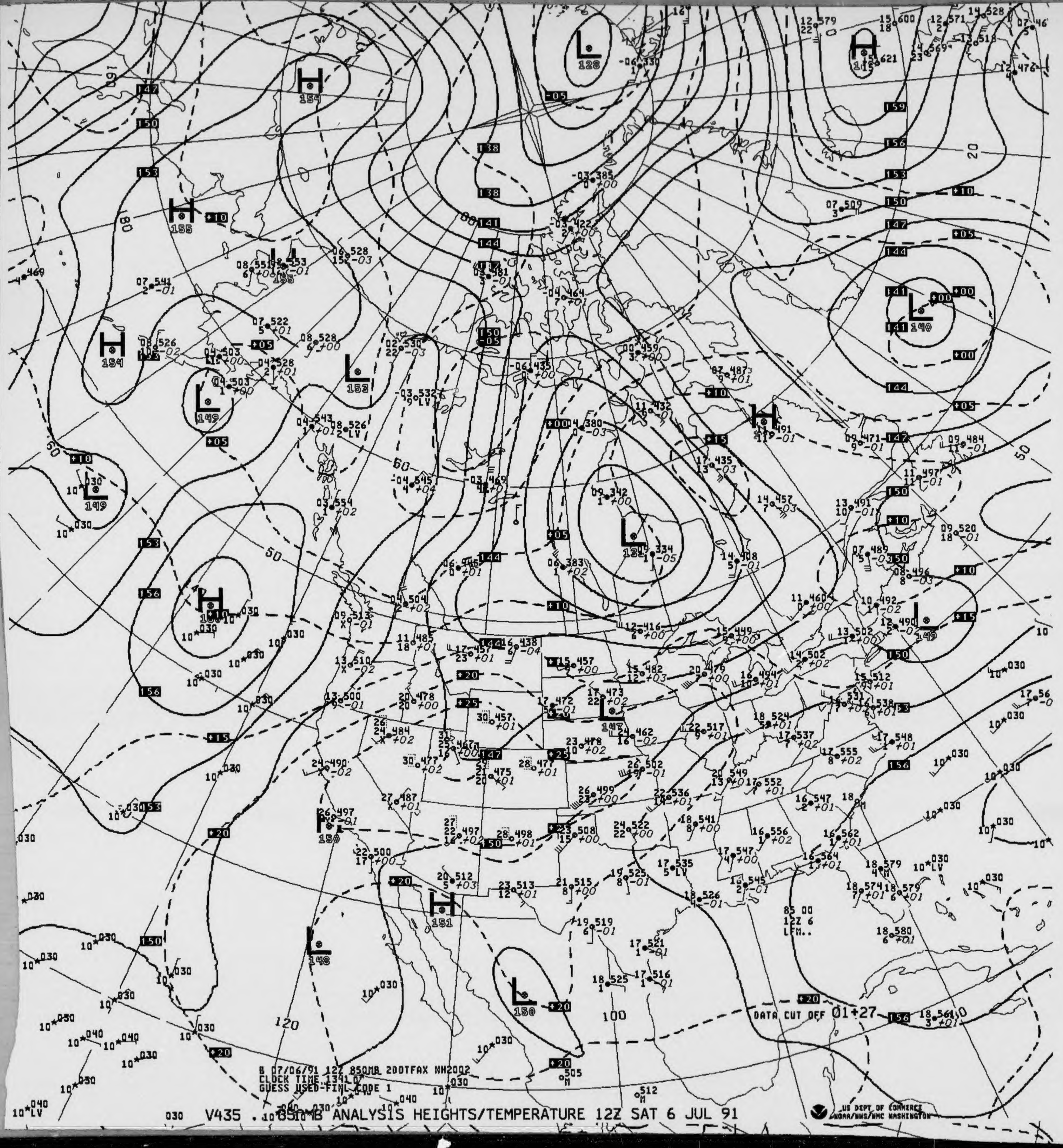
120

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 6 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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B 07/06/91 12Z 850MB 200TFAX NH2002
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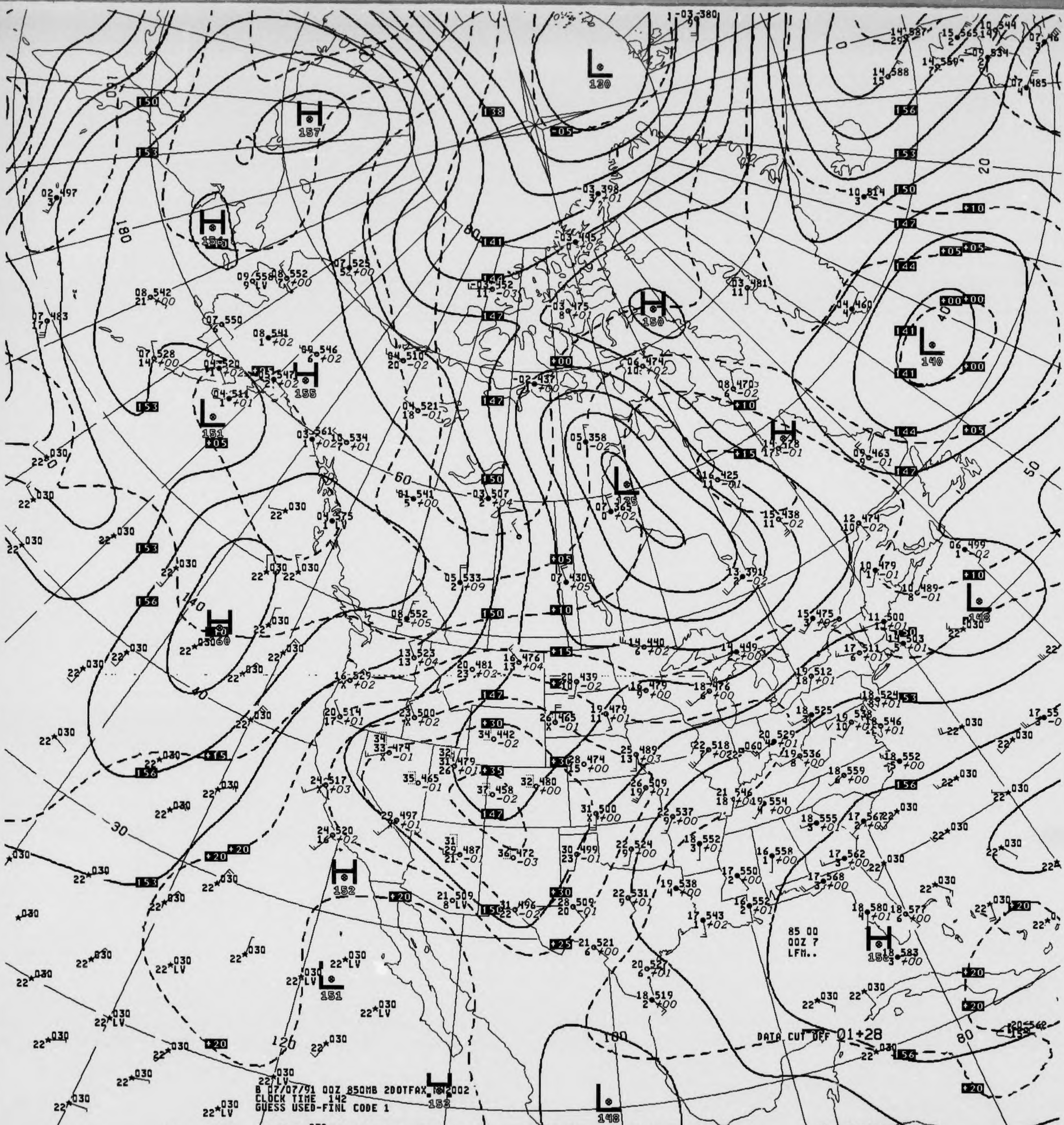
V435 . 850 MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 6 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 157
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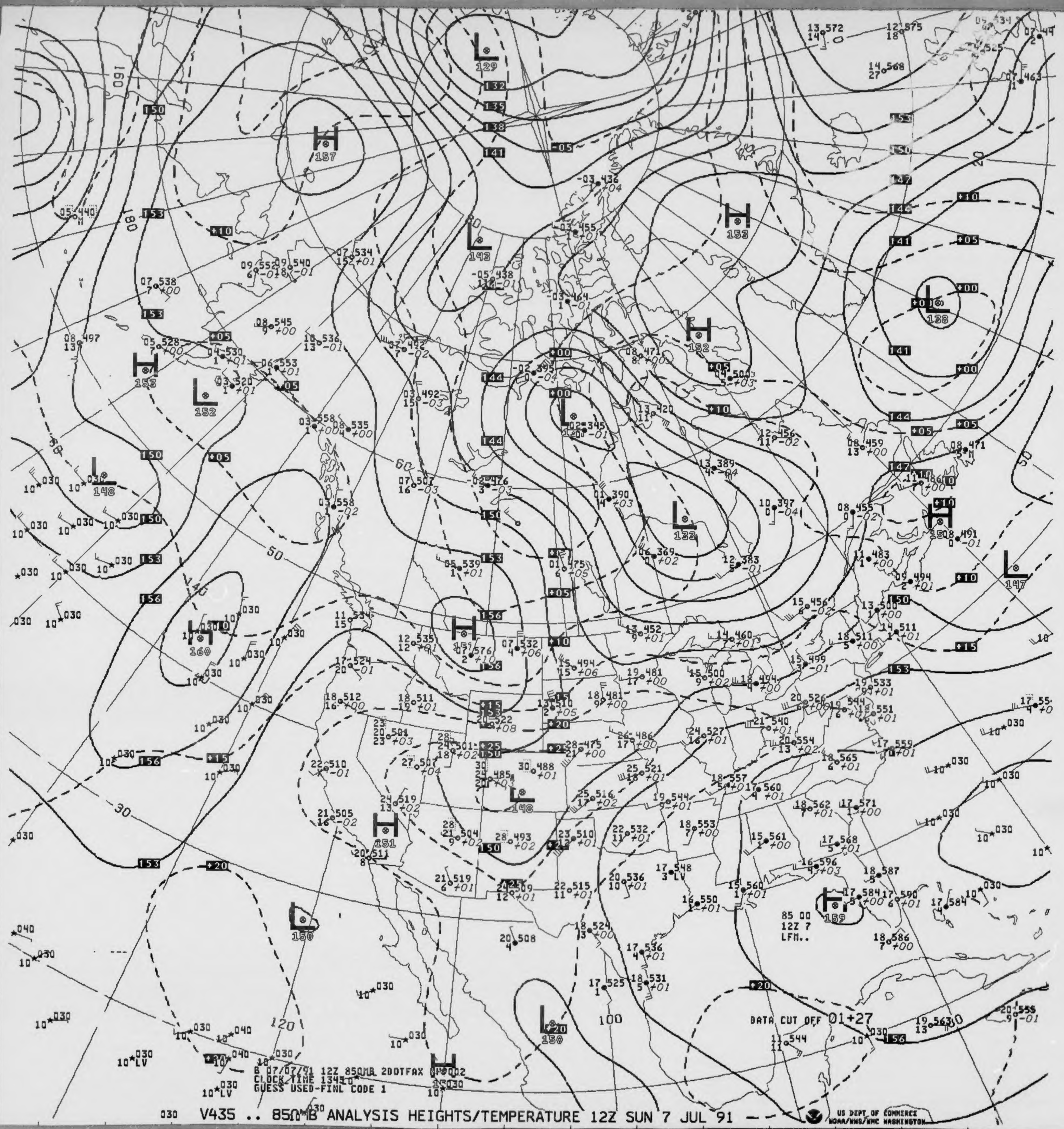
H 155
L 151
H 150
L 140
H 128
L 125
L 148
H 160
H 152
L 151
H 156
L 148
DATA CUT OFF 01+28
85 00
00Z 7
LFM..
B 07/07/91 00Z 850MB 2DOTFAX 2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 7 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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DATA CUT OFF 01+27
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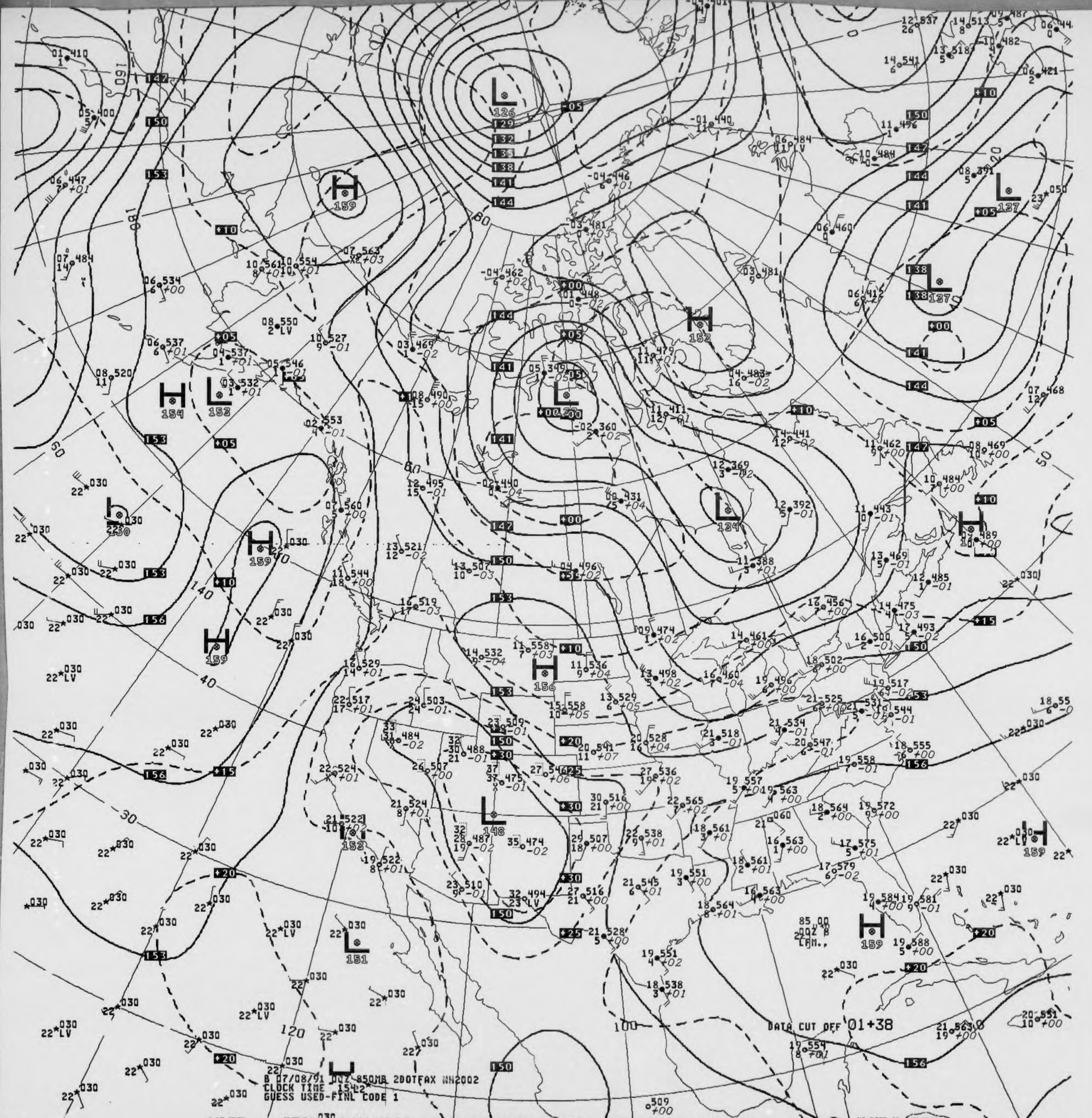
030 V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 7 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 126
H 159
H 154
L 153
H 159
H 159
L 148
H 156
L 153
L 151
H 152
L 134
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H 159
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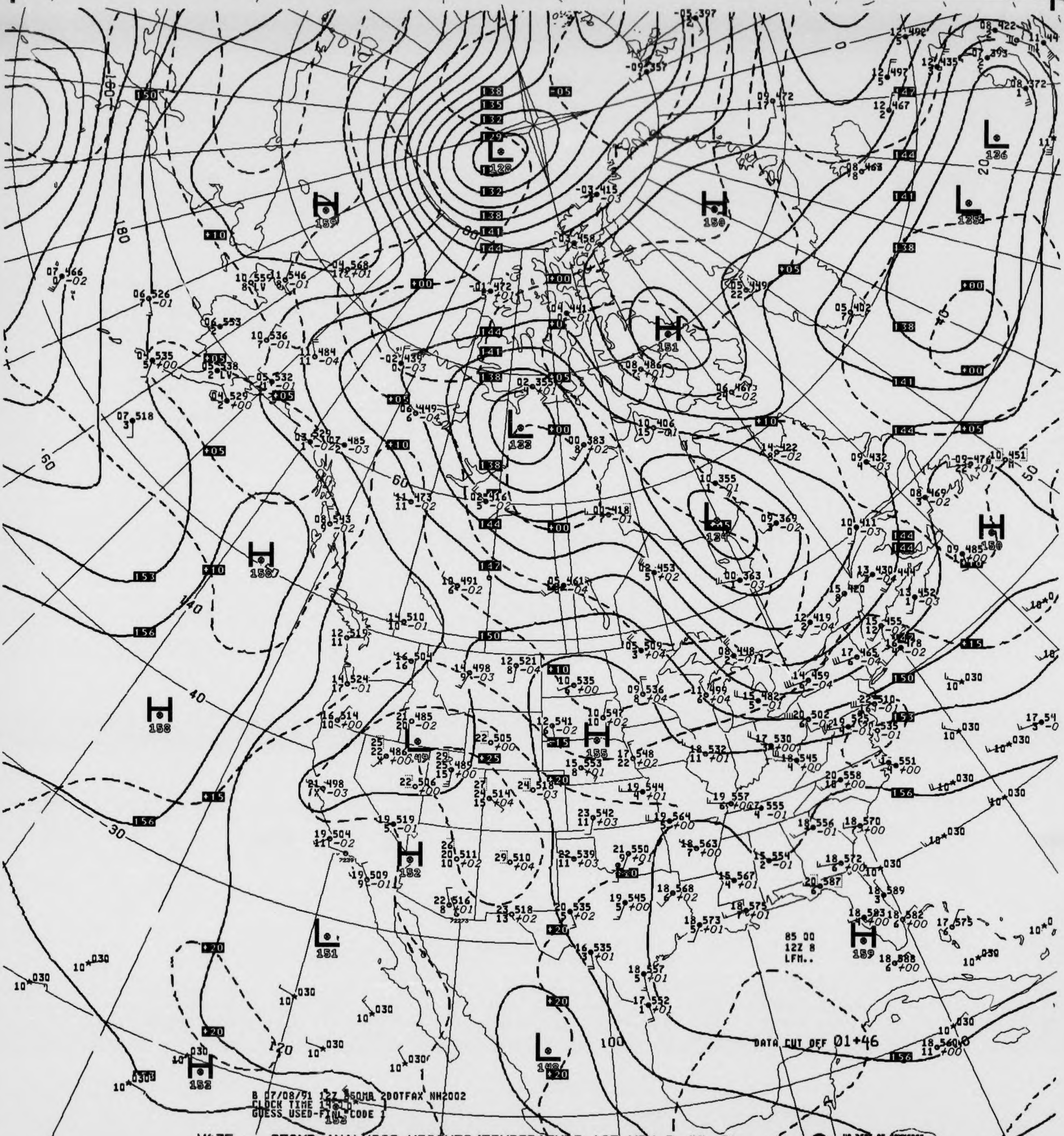
B 07/08/91 00Z 850MB 200TFAX NN2002
CLOCK TIME 1542
GUESS USED-FINAL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 8 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

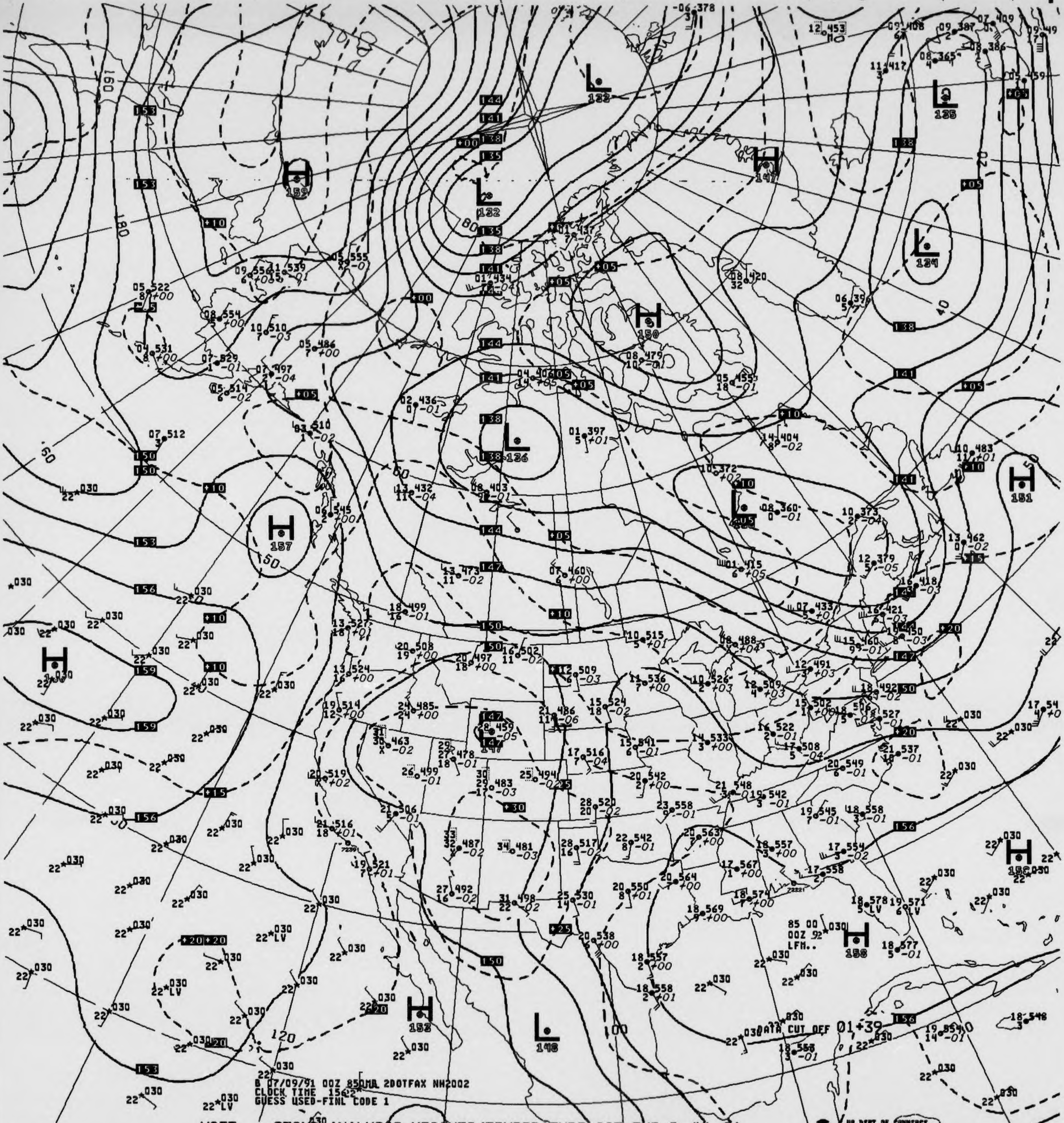


L 128
H 159
H 150
L 136
L 135
H 151
L 132
L 134
H 150
H 158
H 158
L 149
H 155
H 152
L 151
H 159
L 148
H 152
DATA CUT OFF 01+46
85 00
12Z 8
LFM..
B 07/08/91 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 14:10
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 8 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

LAT/LONG 30N086W 34N119W



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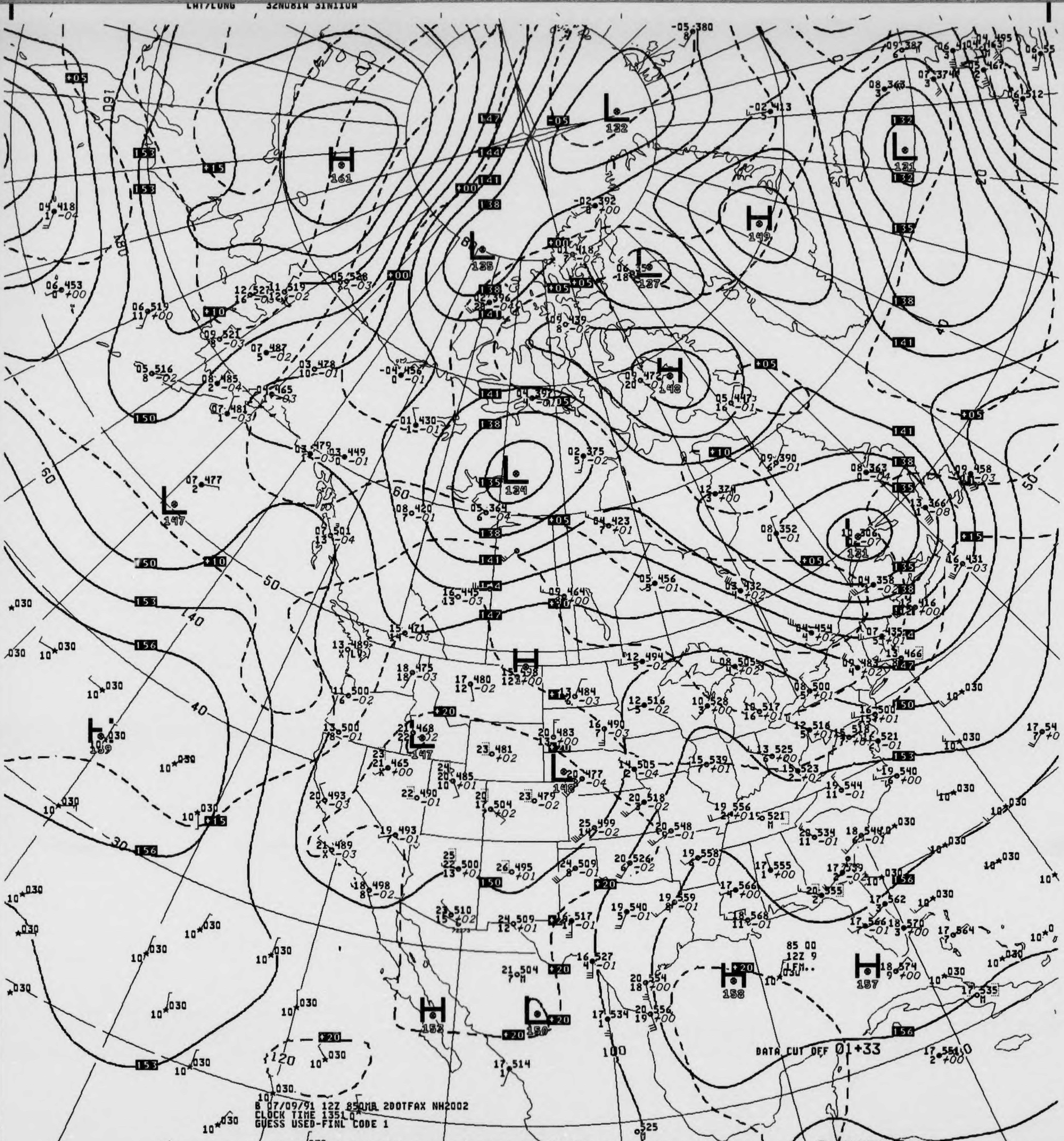
00Z 9
LFM..
H 159
H 157
H 150
H 147
H 151
H 158
H 153
L 132
L 136
L 135
L 134
L 146

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 9 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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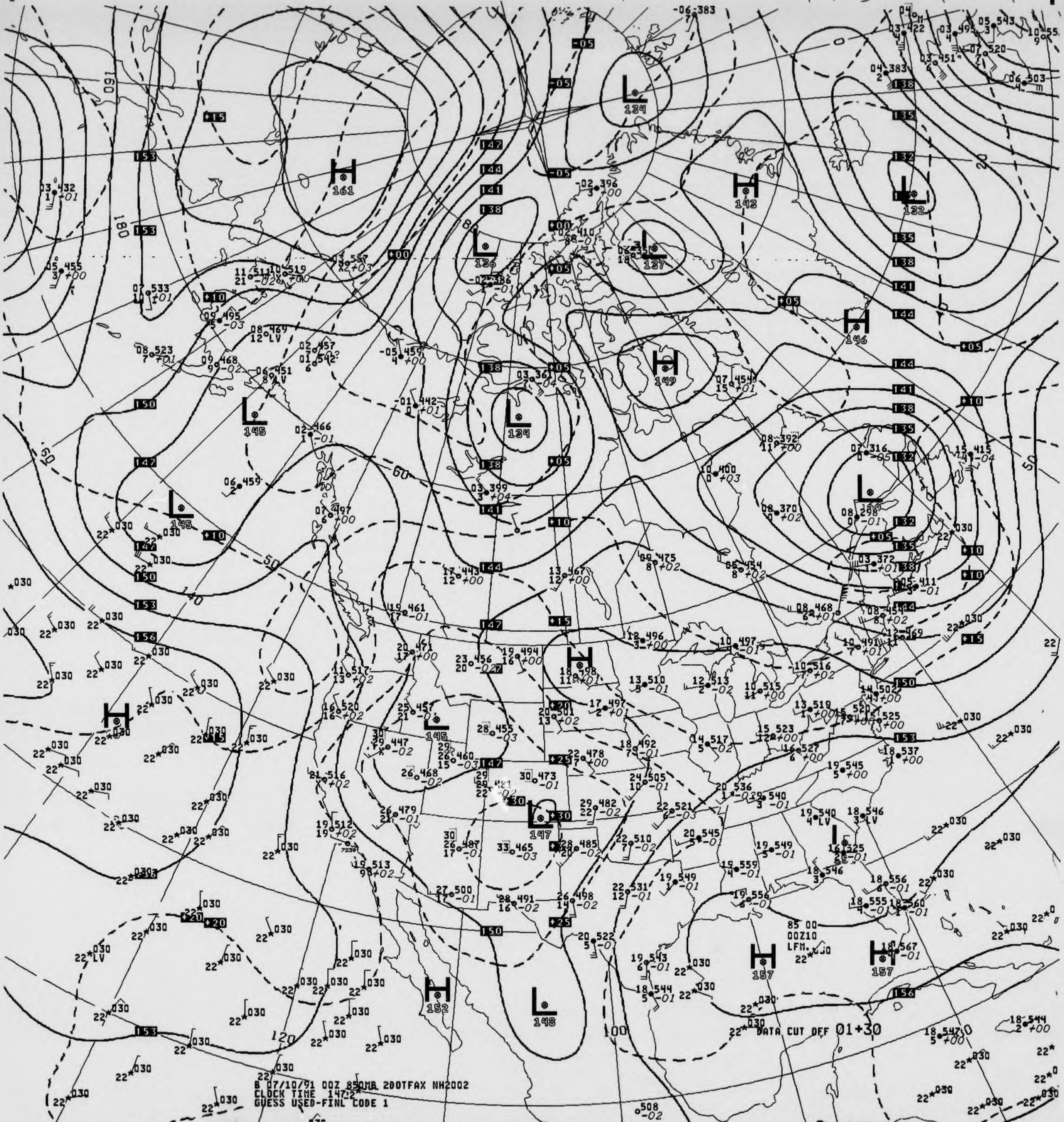
12Z 9
H
L
161
149
158
157
152

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 9 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

LAT/LONG 34N119W



H 161
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L 137
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H 146
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L 145
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L 126
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H 152
L 148
H 157
H 157
DATA CUT OFF 01+30
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00Z10
LFM.

B 07/10/91 00Z 850MB 200TFAX NH2002
CLOCK TIME 1472
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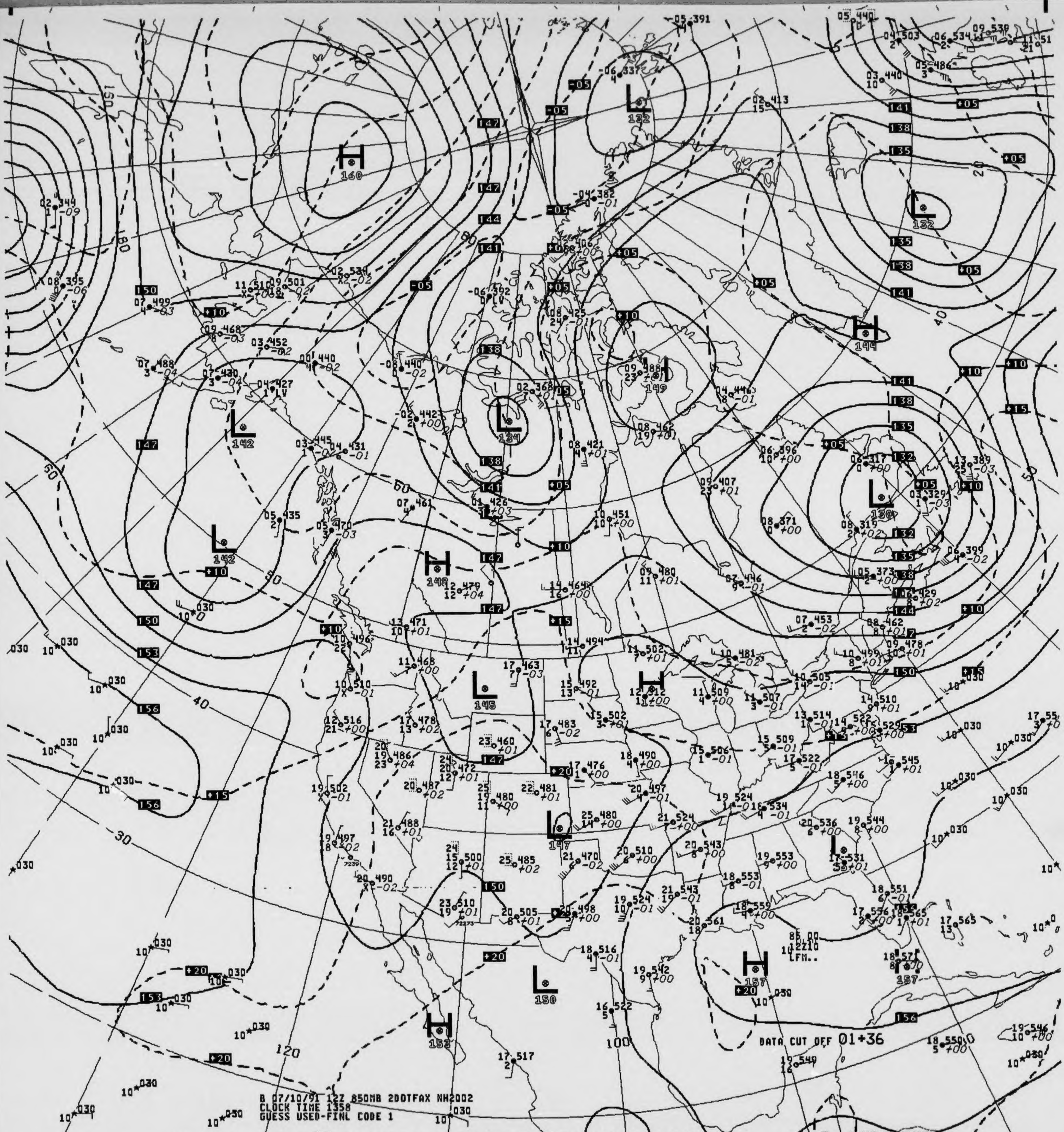
V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 10 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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L 132
L 132
H 149
L 142
L 134
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L 130
H 144
H 148
L 145
H 12
L 147
L 150
H 157
157
H 153
147
144
141
138
135
150
153
156
-05
+05
+10
+15
+20
60
80
100
120
150
180
40
30
20
50
DATA CUT OFF 01+36

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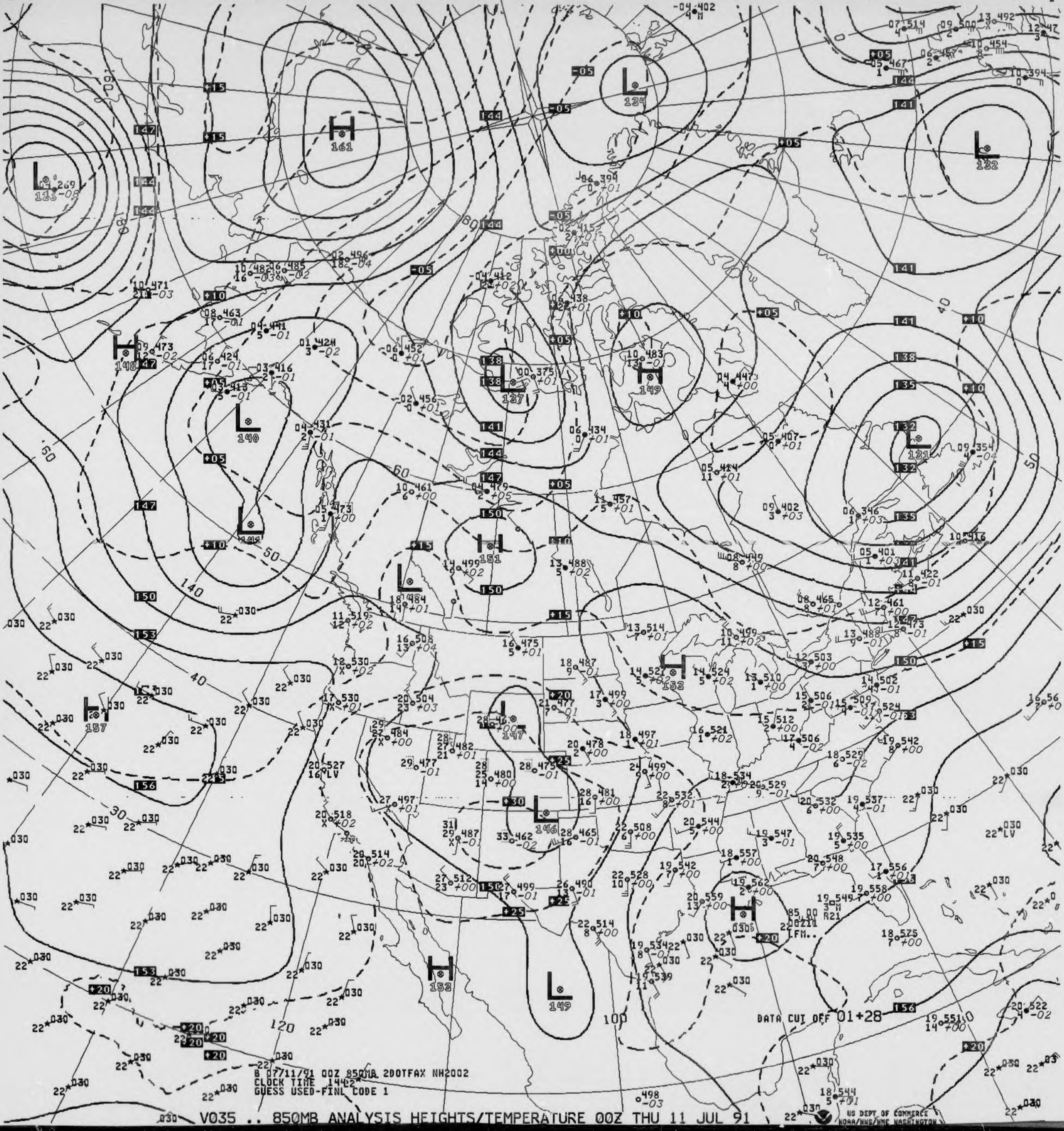
CLOCK TIME 1358
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 10 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

LAT/LONG 34N119W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DATA CUT OFF 01+28
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H 161
L 134
L 132
L 126
H 148
L 140
L 137
H 149
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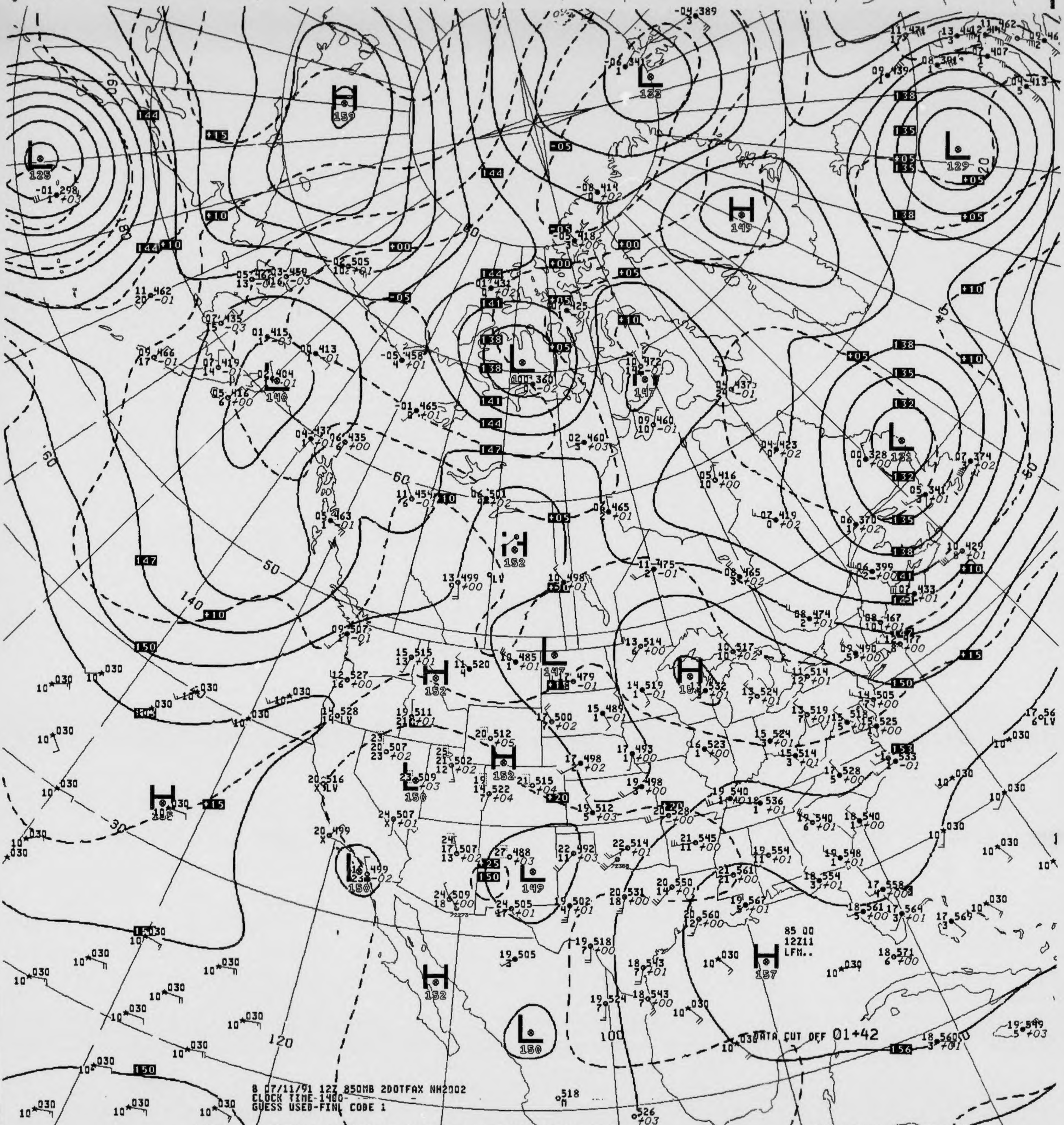
H 152
L 147
L 146
H 153
L 149
H 157

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 11 JUL 91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L 125
H 159
L 133
H 149
L 129
L 140
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H 147
H 152
L 147
H 152
L 150
H 152
L 150
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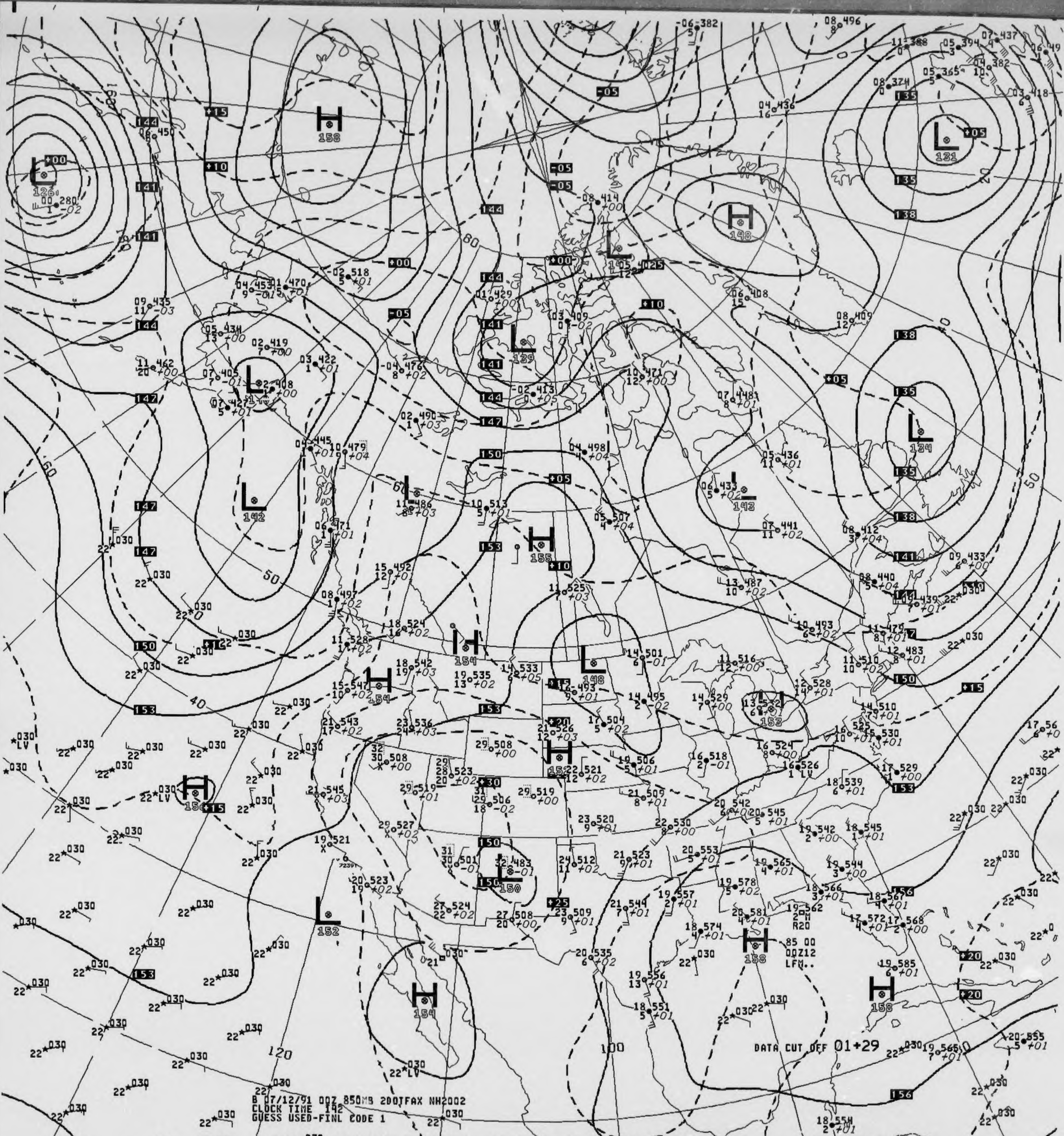
V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 11 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 156
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L 152
H 158
H 154
H 158
L 153
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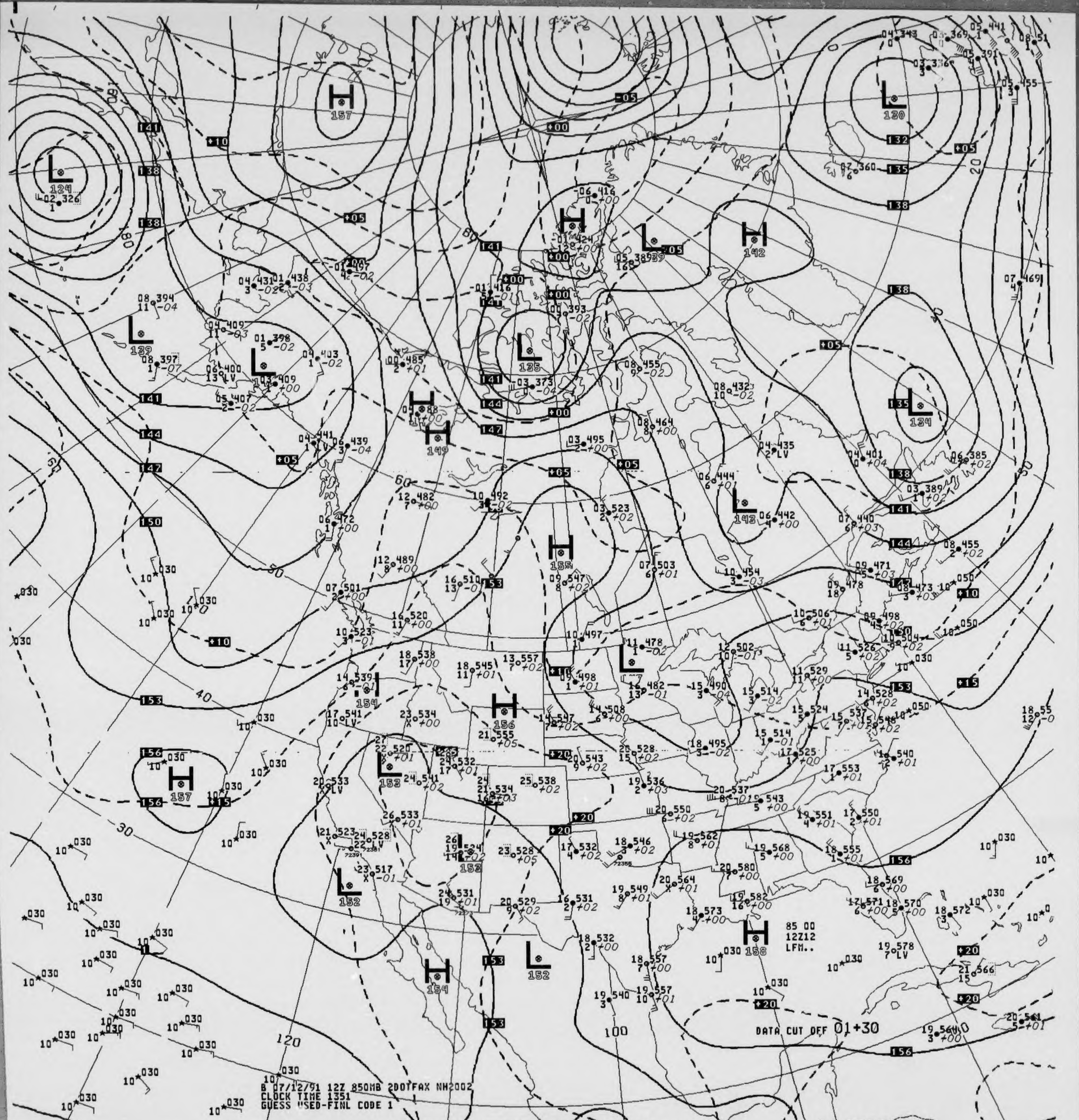
LFM..

B 07/12/91 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 12 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 1351
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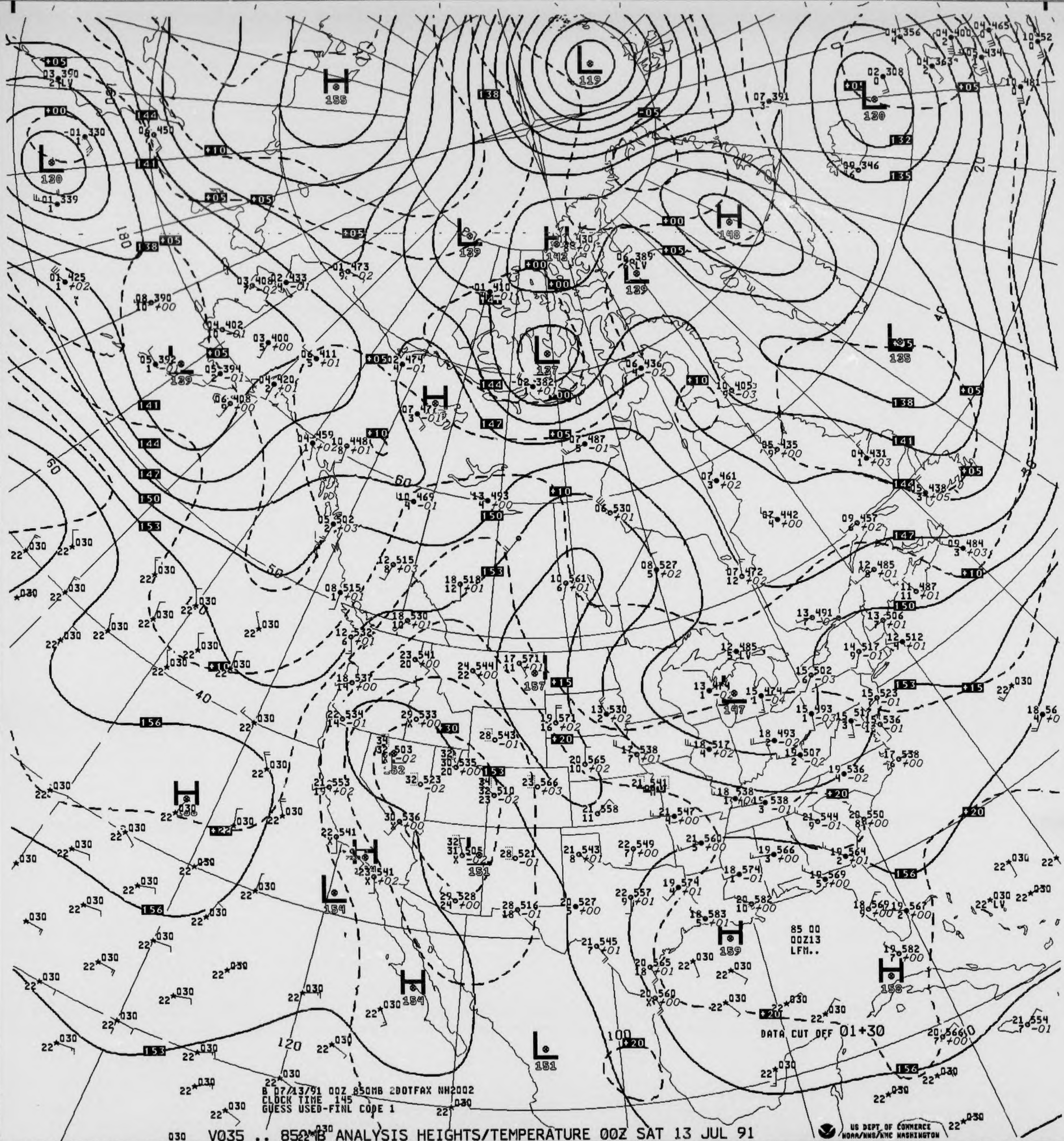
030 V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 12 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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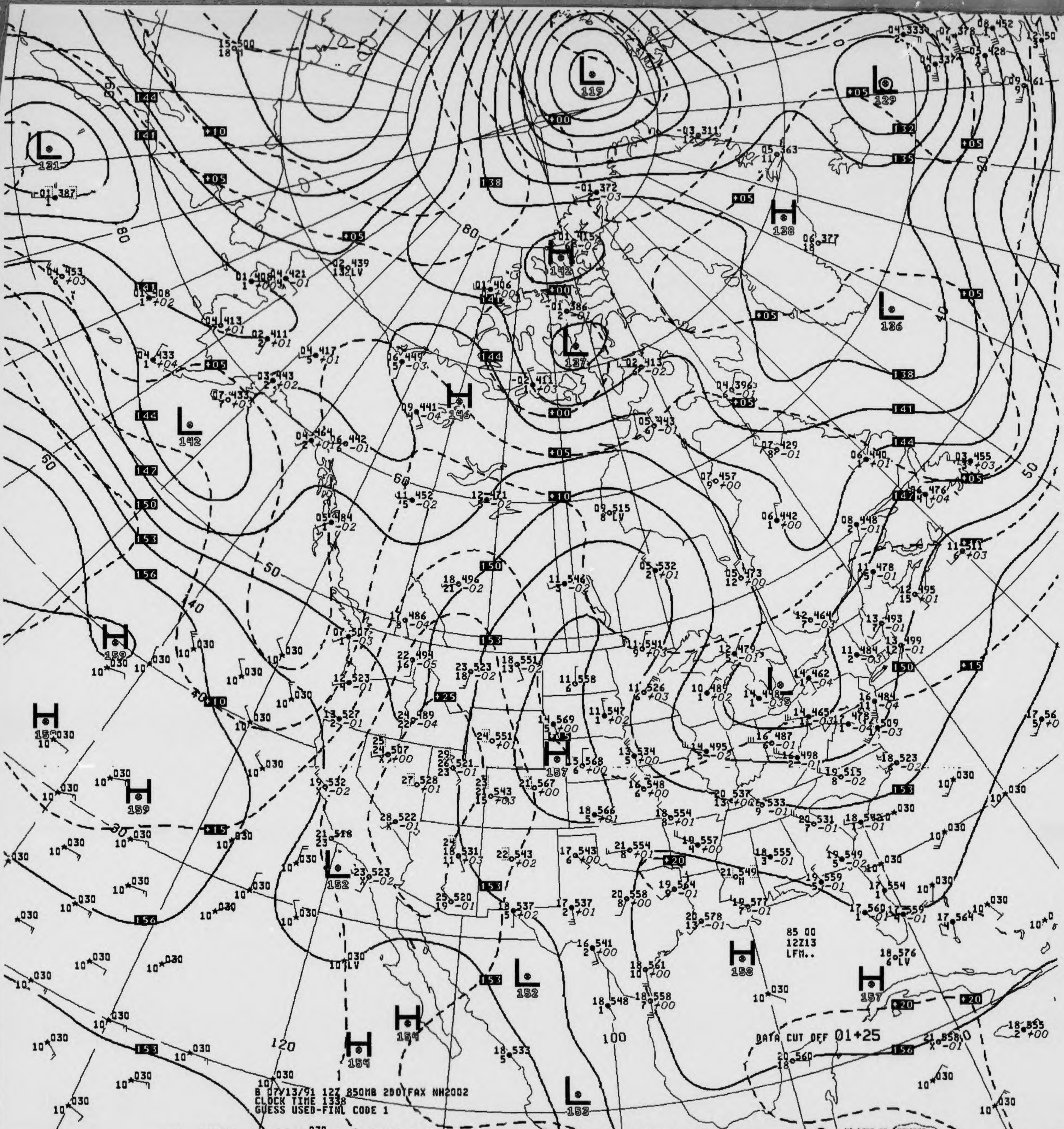
V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 13 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



L 119
L 129
L 131
H 128
H 142
L 137
L 136
H 146
L 142
H 159
H 159
H 157
L 152
L 152
H 158
H 157
H 154
H 159
L 153
DATA CUT OFF 01+25
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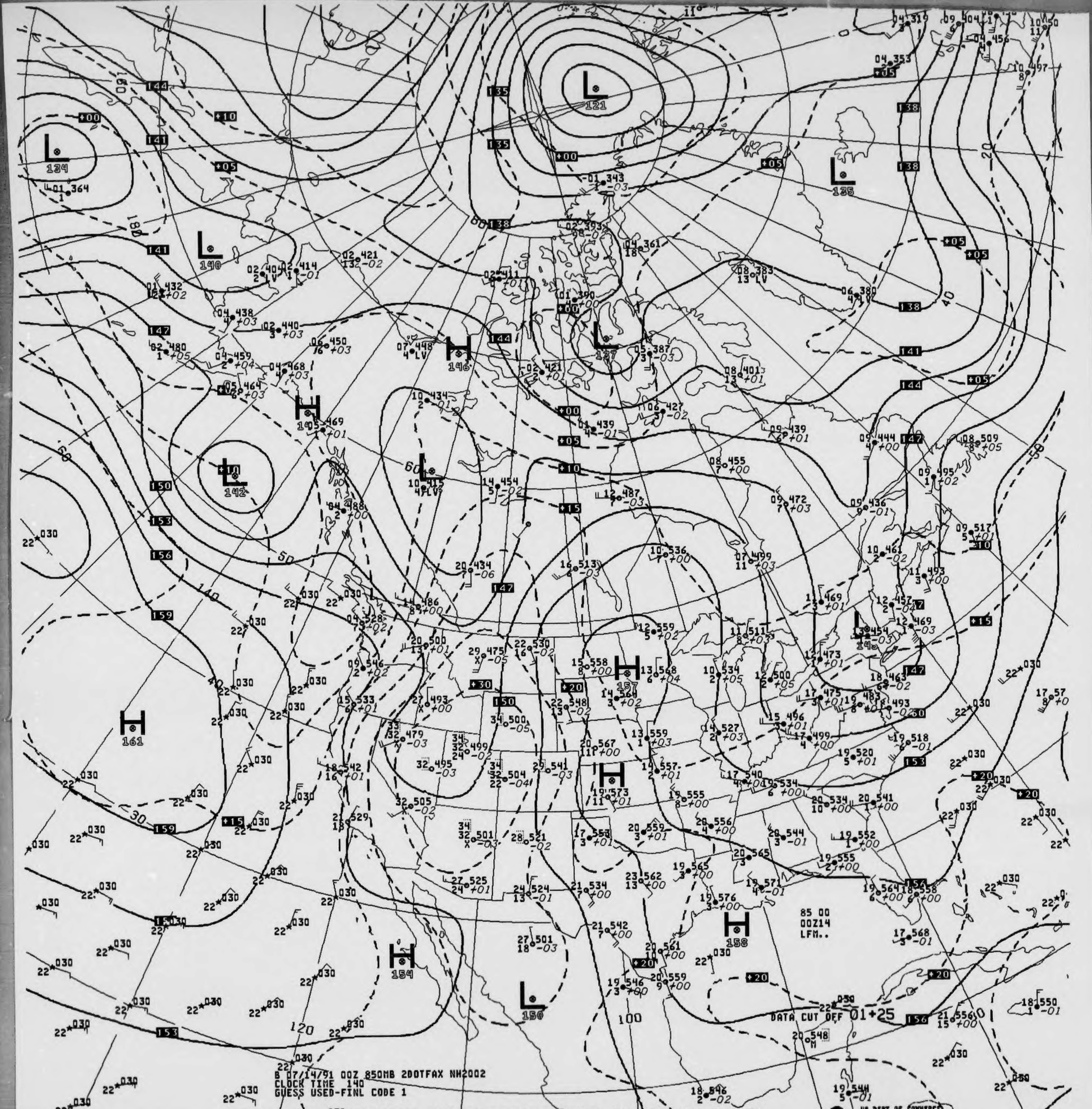
12Z13
LFM..
B 07/13/91 12Z 850MB 200TFAX NH2002
CLOCK TIME 1338
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

030 V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 13 JUL 91



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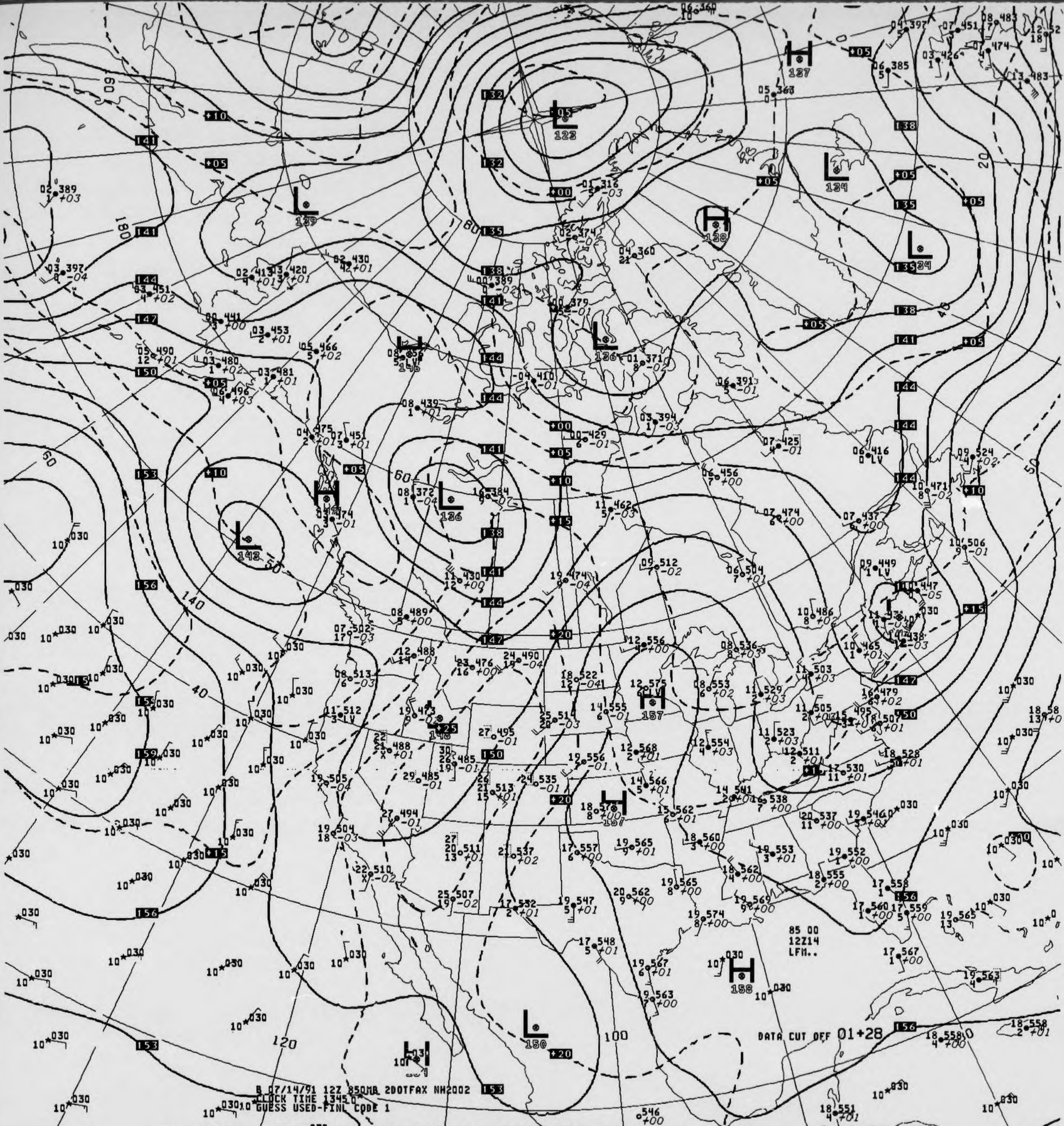
L 140
L 135
L 127
L 142
L 150
H 146
H 145
H 161
H 157
H 148
H 154
H 158
DATA CUT OFF 01+25
85 00
00Z14
LFM..

B 07/14/91 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 140
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 14 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 137
L 139
H 128
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L 142
H 157
H 157
H 158
L 150
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DATA CUT OFF 01+28
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12Z14
LFM..
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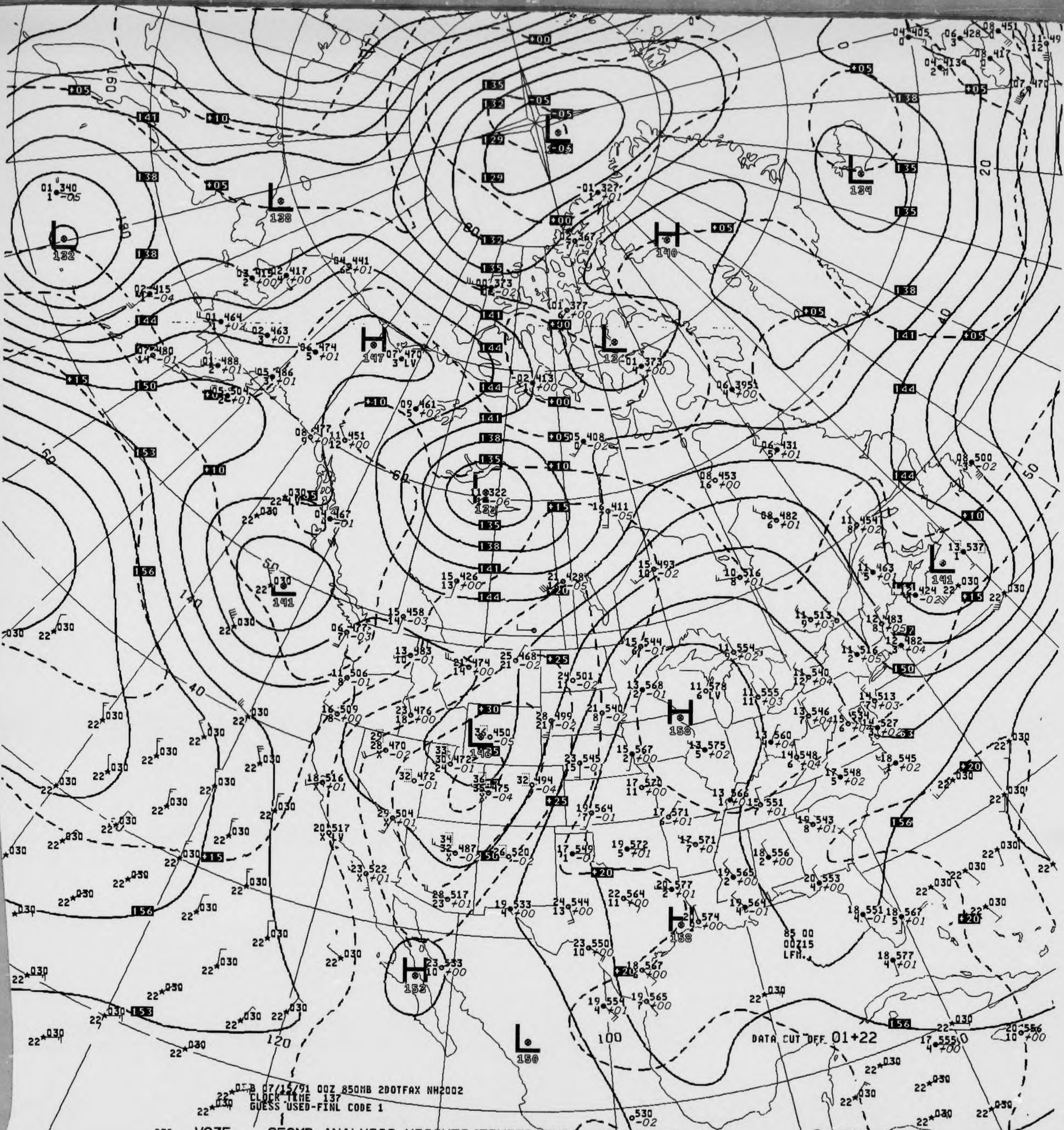
CLOCK TIME 1345.0
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 14 JUL 91

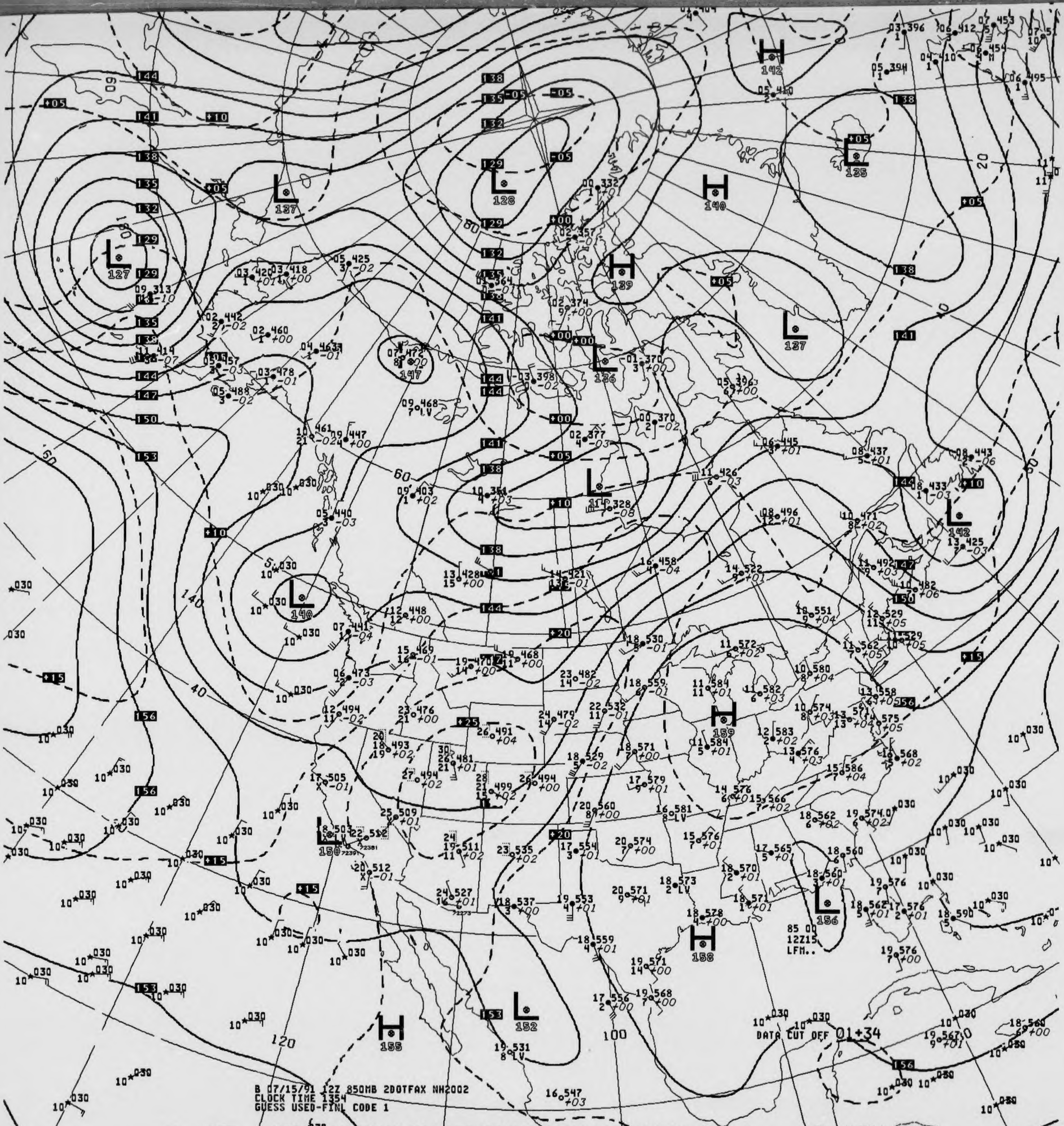
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
132
L
138
L
H
140
L
134
H
147
L
13
L
132
L
141
L
141
L
146
H
158
H
158
H
152
L
150
DATA CUT OFF 01+22
85 00
00Z15
LFM.

B 07/15/91 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 137
GUESS USED-FINL CODE 1

030 V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 15 JUL 91

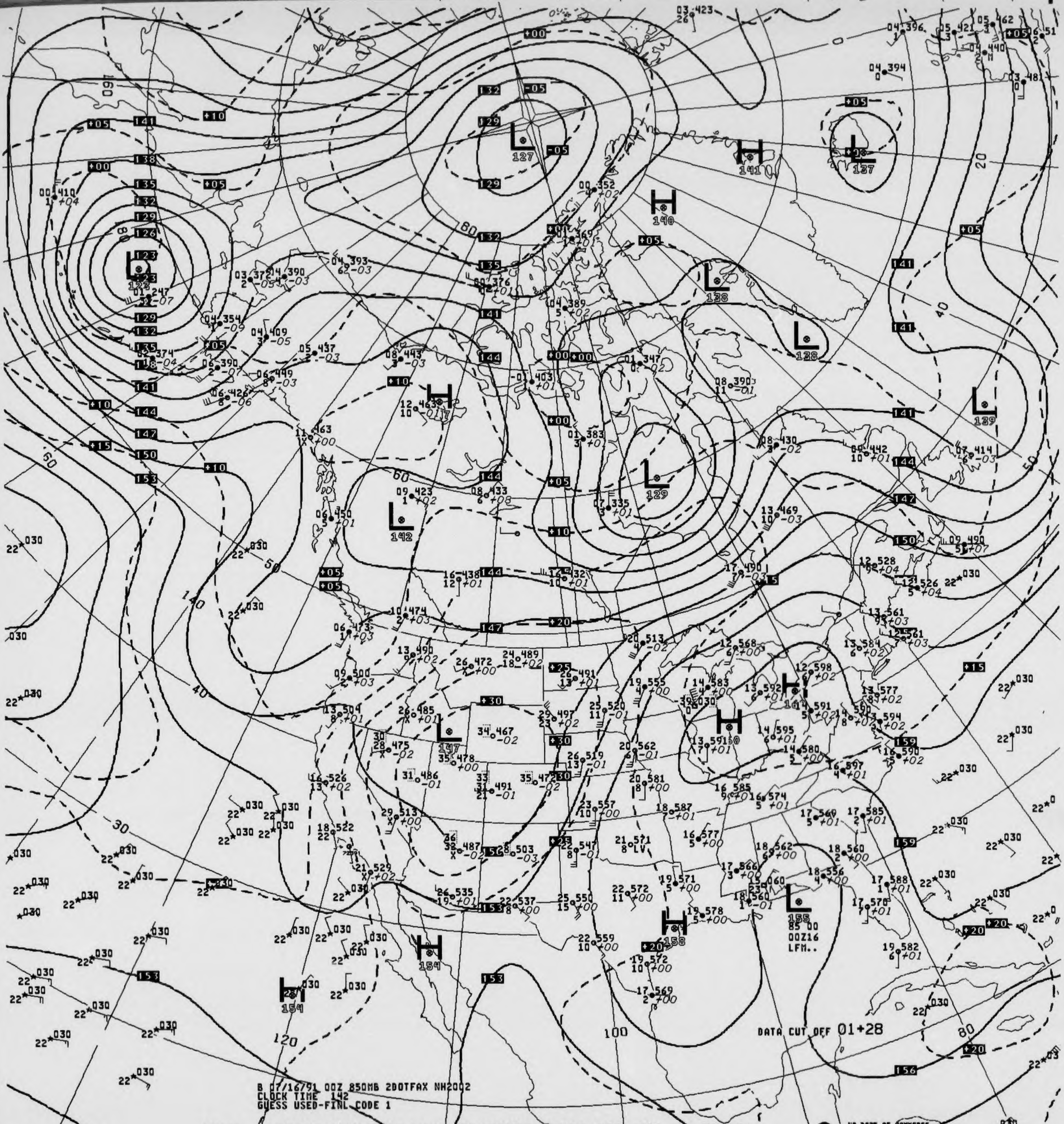
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/15/91 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1354
GUESS USED-FINL CODE 1
DATA CUT OFF 01+34
85 00
12Z15
LFM..
H 142
H 140
H 139
H 159
H 158
H 155
L 127
L 137
L 128
L 136
L 137
L 135
L 147
L 140
L 142
L 150
L 156
L 152

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 15 JUL 91

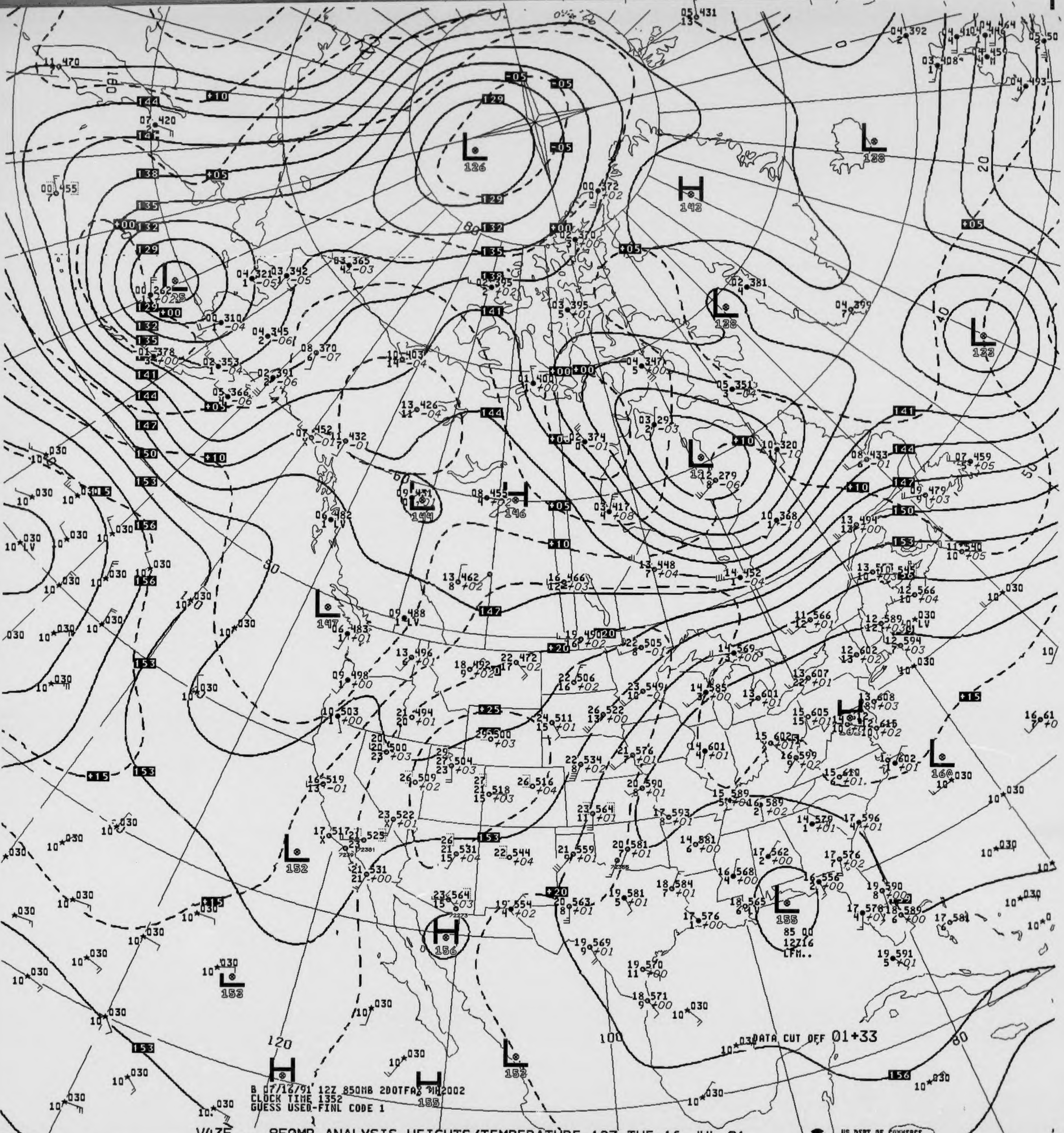
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
L
127
137
141
140
138
138
123
117
142
129
139
147
150
154
158
155
159
156
153
80
60
50
40
30
20
100
120
140
160
DATA CUT OFF 01+28
85 00
00Z16
LFM..

B 07/16/91 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

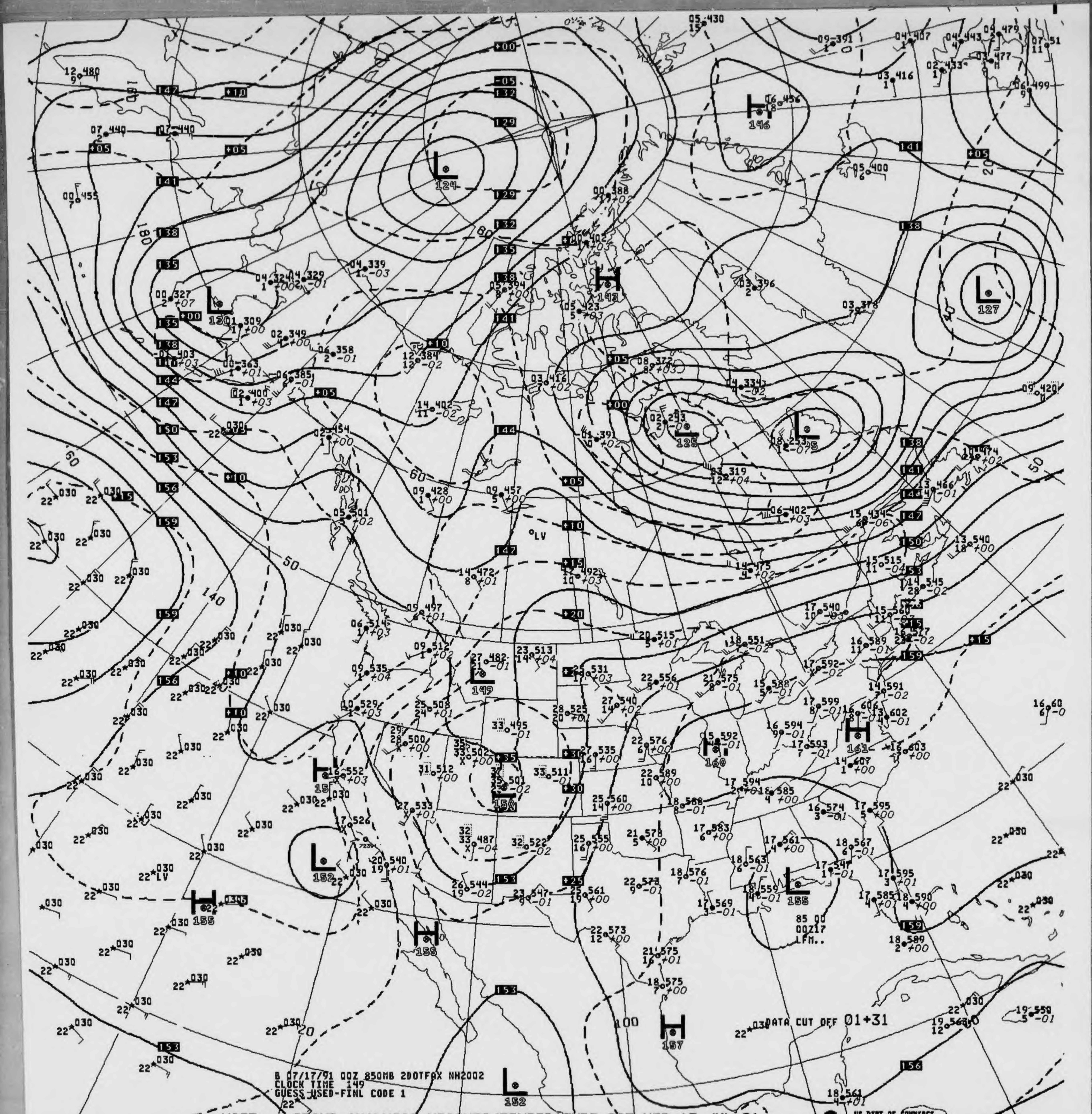
V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 16 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/16/91 12Z 850MB 2DOTFAX MA2002
CLOCK TIME 1352
GUESS USED-FINL CODE 1
DATA CUT OFF 01+33
85 00
12Z16
LFM..
L 126
L 138
H 142
L 138
L 122
L 125
L 112
L 144
H 146
L 147
L 152
H 156
L 153
H
L 152
H 155
L 155
L 160
120
100
80
60
50
40
20

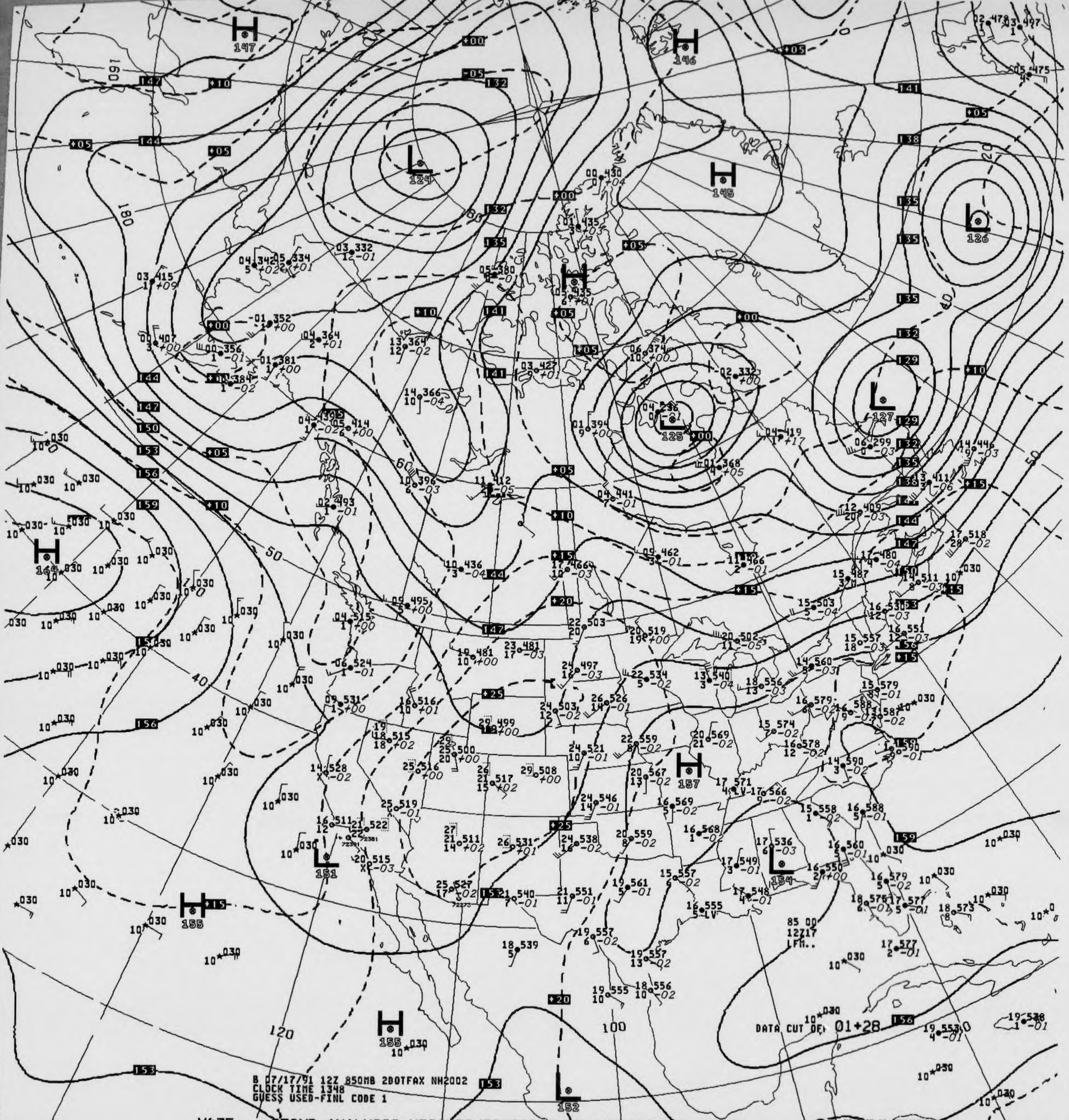
V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 16 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/17/91 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 149
GUESS USED-FINL CODE 1
DATA CUT OFF 01+31
85 00
00Z17
LFM..
L 124
L 130
L 125
L 127
H 146
H 143
L 149
H 150
H 155
L 152
H 155
H 160
H 161
L 155
H 157
L 152
LV

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 17 JUL 91

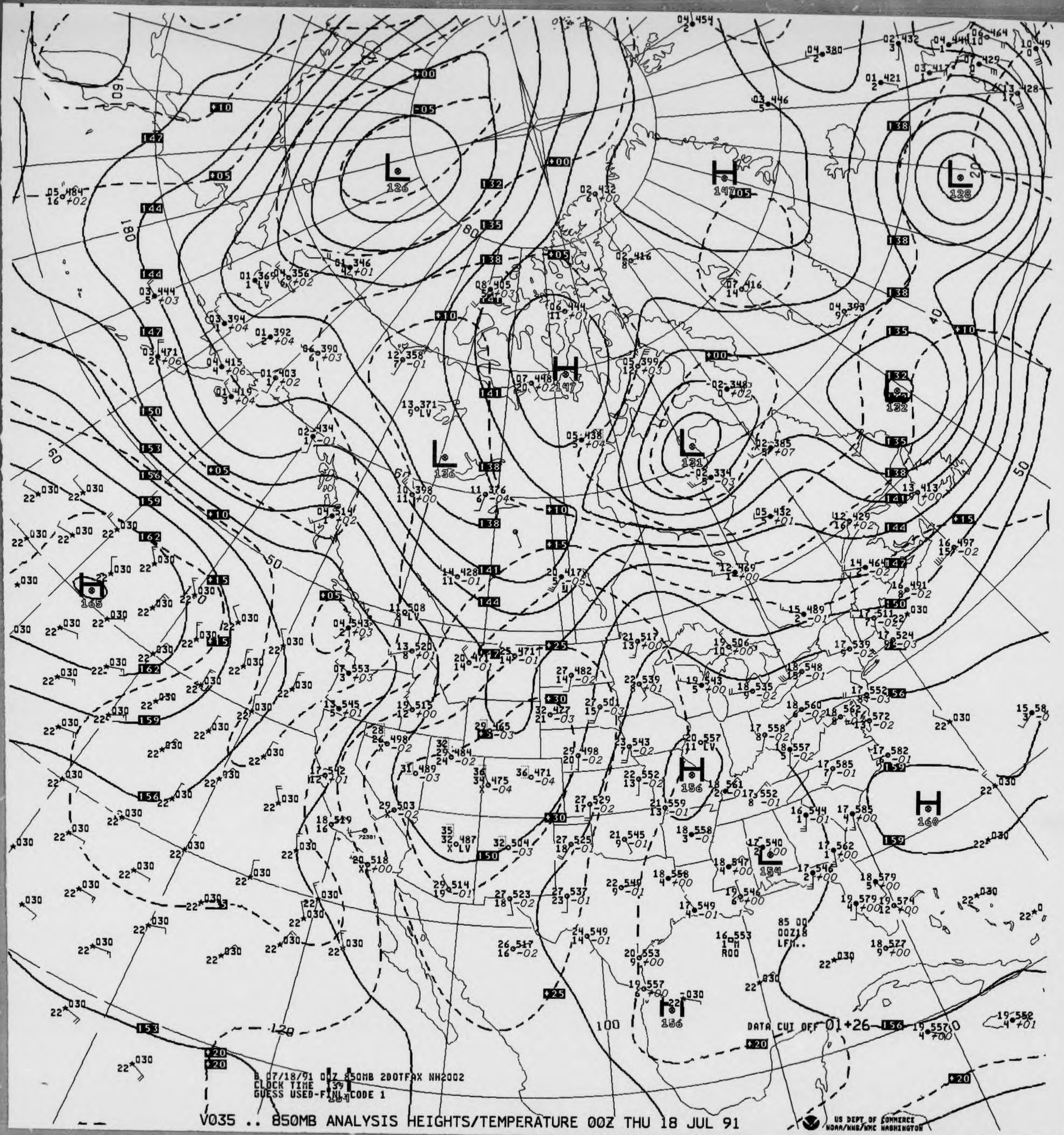
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



H 147
H 146
L 124
H 145
L 126
H
L 125
L 127
H 164
H 157
L 151
H 155
L 154
H 155
L 152
DATA CUT OF 01+28
85 00
12Z17
LFM..
B 07/17/91 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1348
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 17 JUL 91

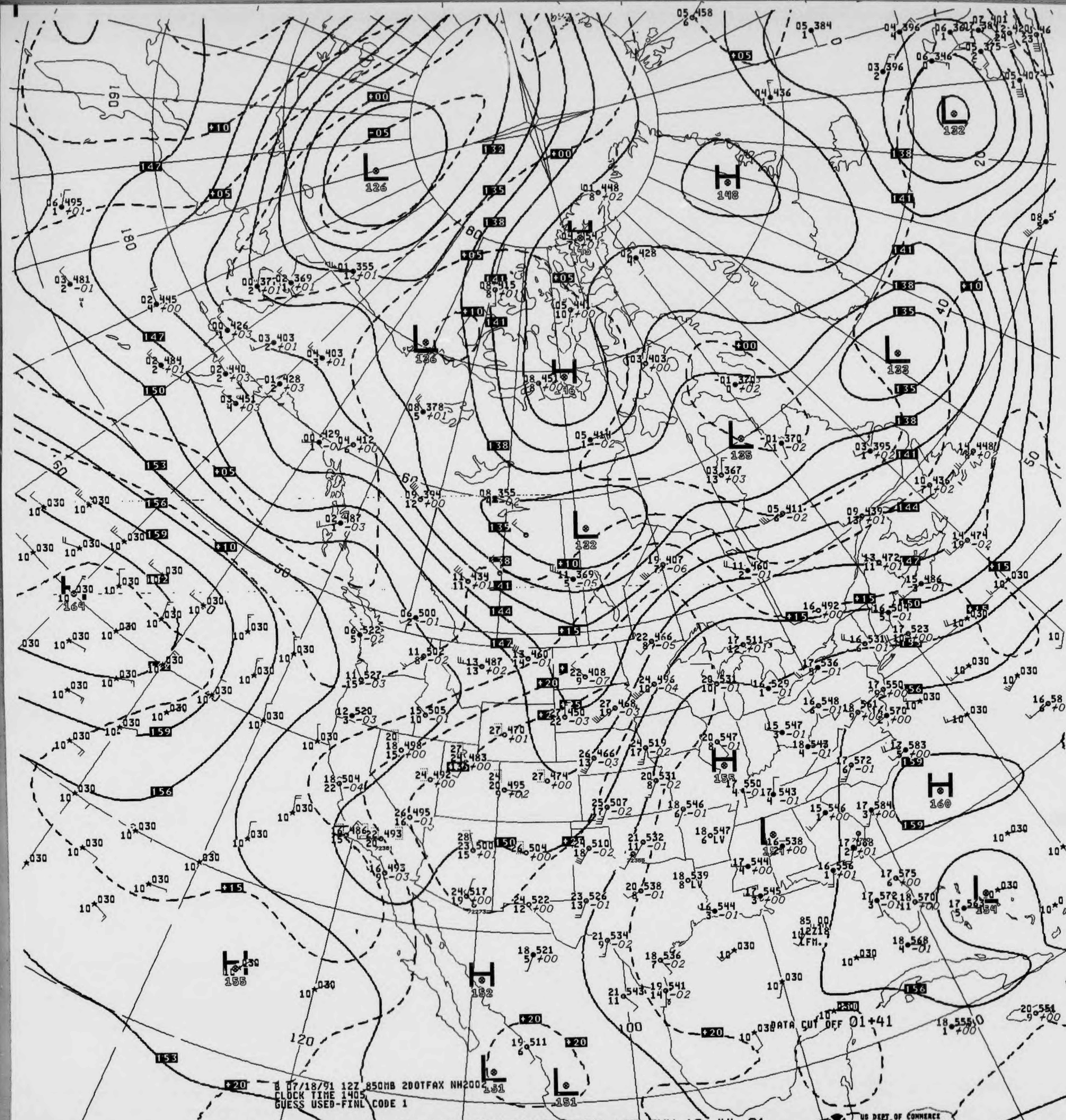
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
126
H
147
L
128
H
147
L
136
L
131
L
132
H
165
H
156
H
160
L
154
H
156
DATA CUT OFF 01+26
85 00
00Z18
LFM..
60
180
80
50
40
50
120
100

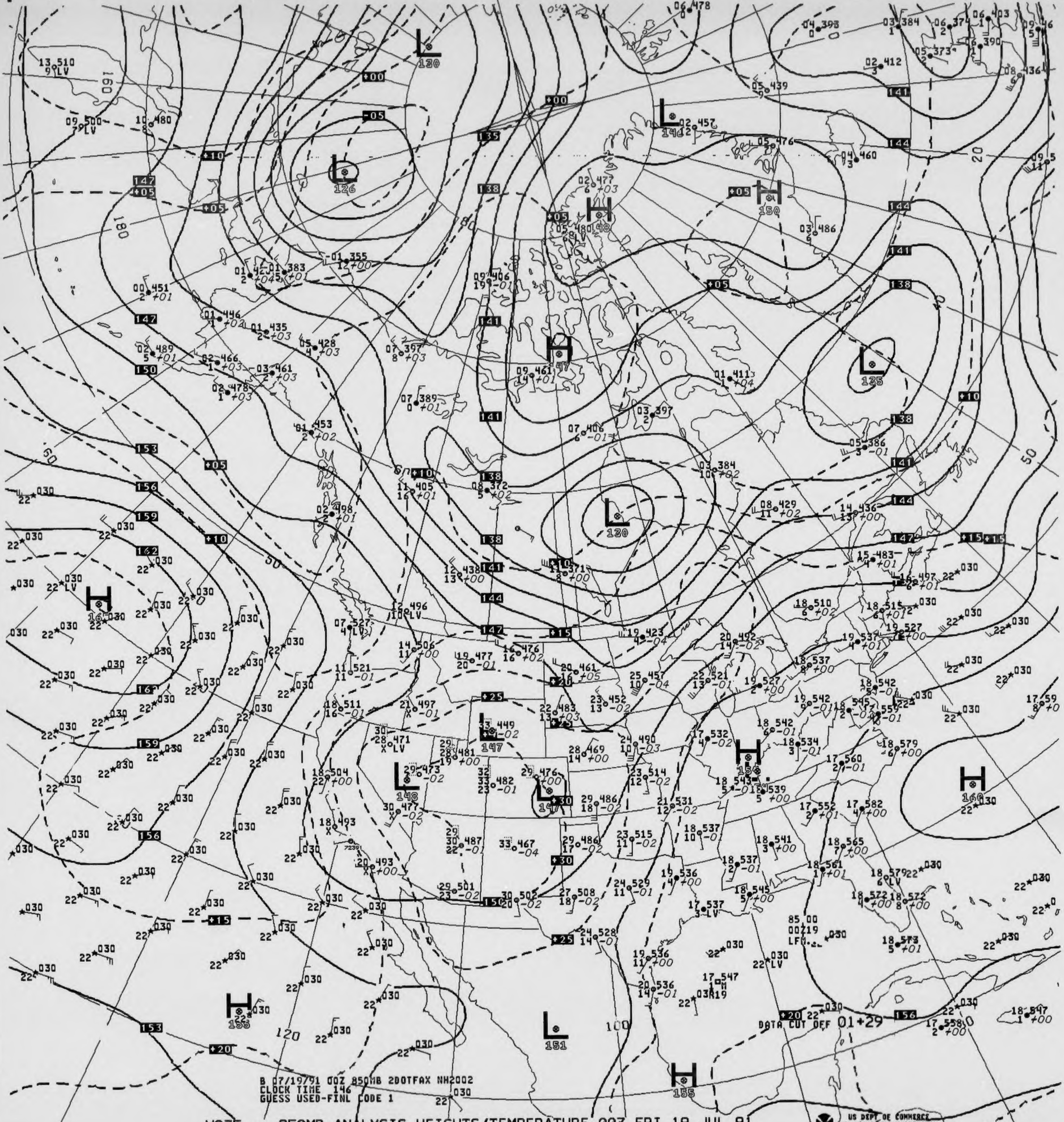
B 07/18/91 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 139
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 18 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 126
L 132
H 148
H 145
L 136
H 146
L 132
L 135
L 132
H 164
H 155
L 154
H 160
H 155
H 152
L 151
L 151
132
135
138
141
144
147
150
153
156
159
+00
-05
+05
+10
+15
+20
160
180
80
60
50
40
20
120
100
DATA CUT OFF 01+41
8 07/18/91 12Z 850MB 2D0TFAX NH2002
CLOCK TIME 1405
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

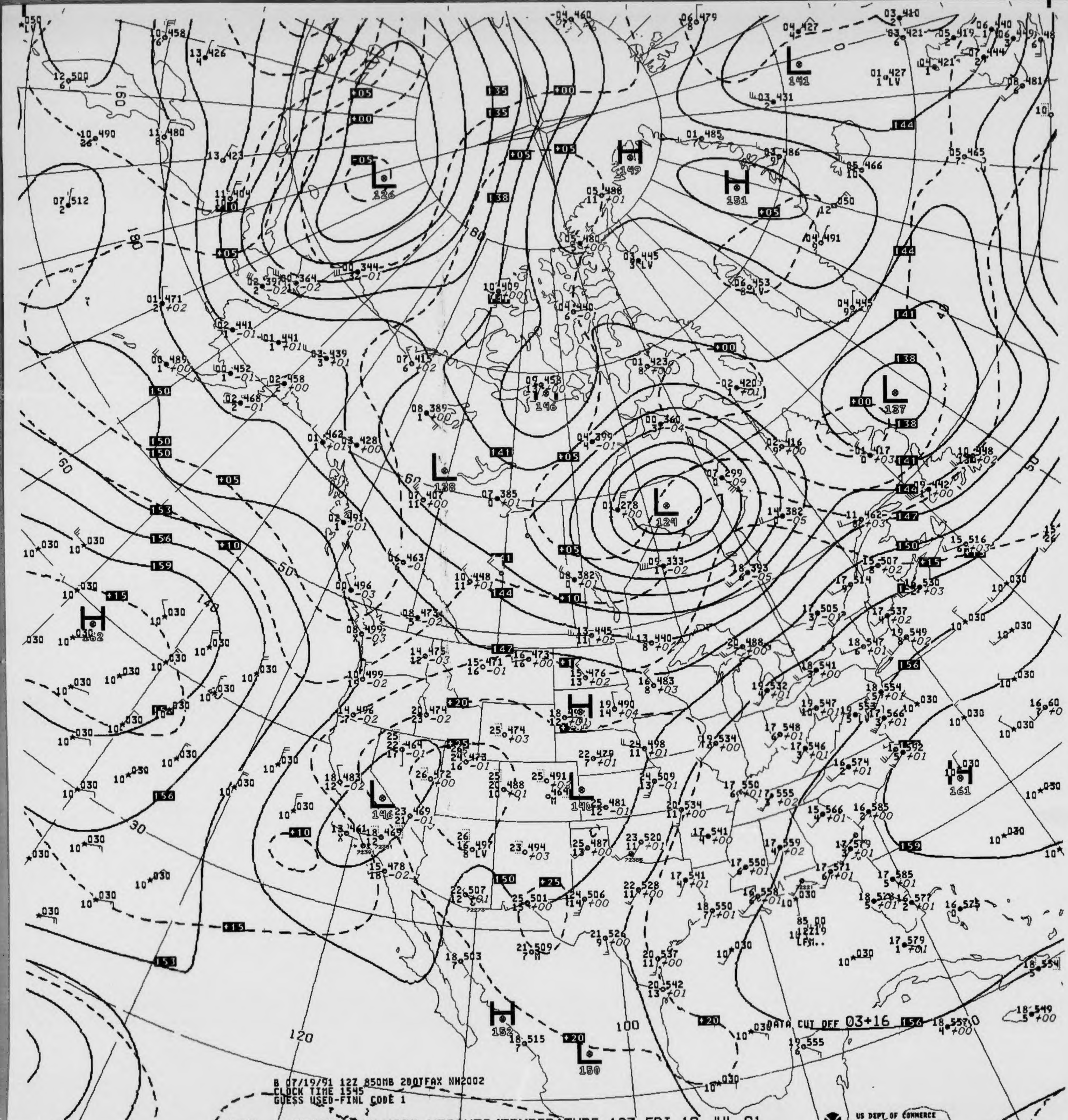
V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 18 JUL 91


L 130
L 126
L 142
H 148
H 150
H 147
L 125
L 130
H 160
L 147
L 148
L 147
H 156
H 160
H 155
L 151
H 155
DATA CUT OFF 01+29
85 00
00Z19
LFM

B 07/19/91 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 146
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 19 JUL 91

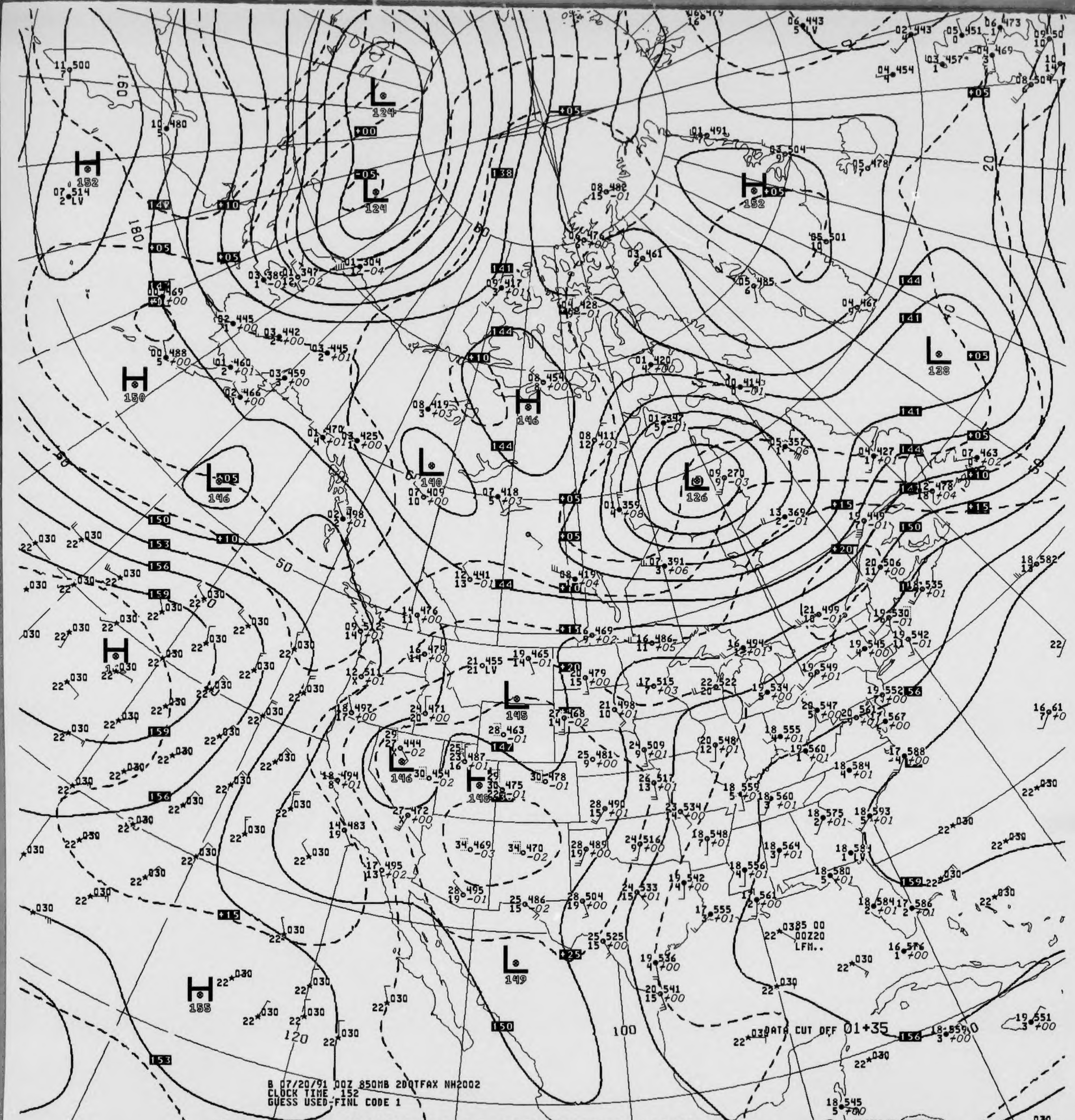
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 141
H 149
H 151
L 126
L 137
L 138
H 146
L 124
H 162
H 161
L 146
L 148
H 152
L 150
DATA CUT OFF 03+16
160
180
140
120
100
80
60
50
40
30

B 07/19/91 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1545
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 19 JUL 91

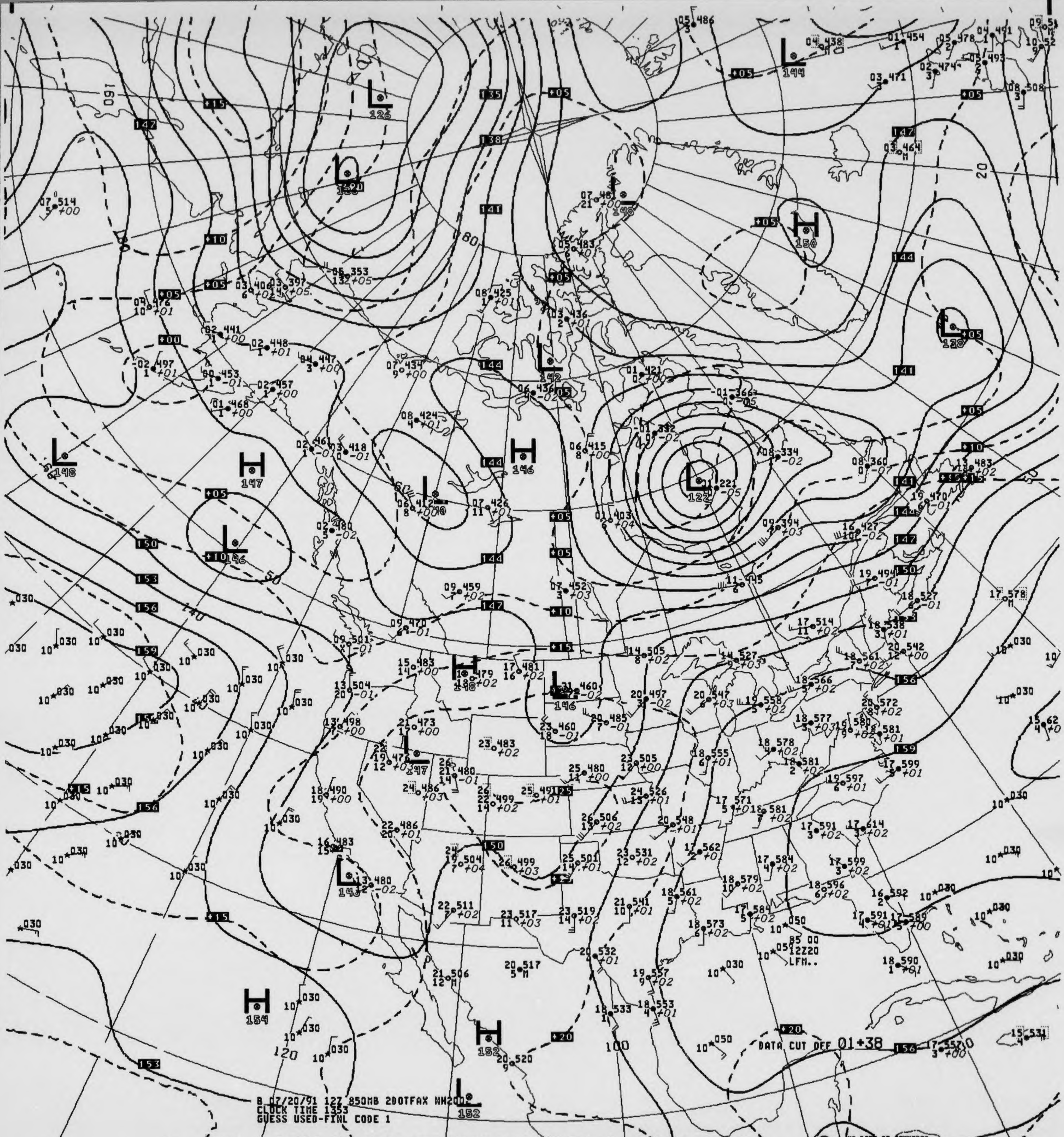
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 152
L 124
L 124
H 150
L 146
L 140
H 146
L 126
H 152
L 138
H
L 145
L 146
H 148
L 149
H 155
DATA CUT OFF 01+35
LFM..
100
120
160
180

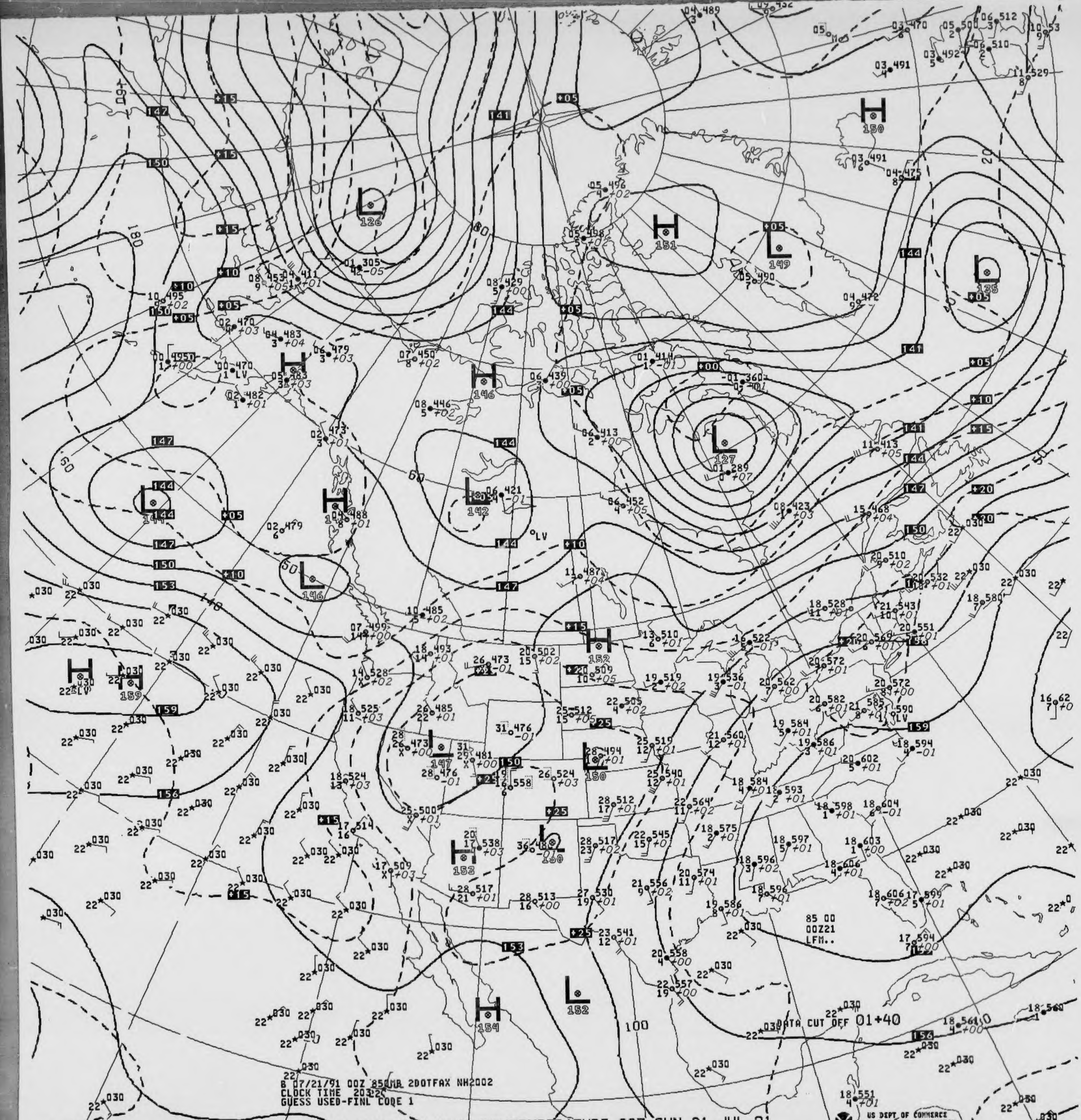
B 07/20/91 00Z 850MB 200TFAX NH2002
CLOCK TIME 152
GUESS USED-FINL CODE 1

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 20 JUL 91

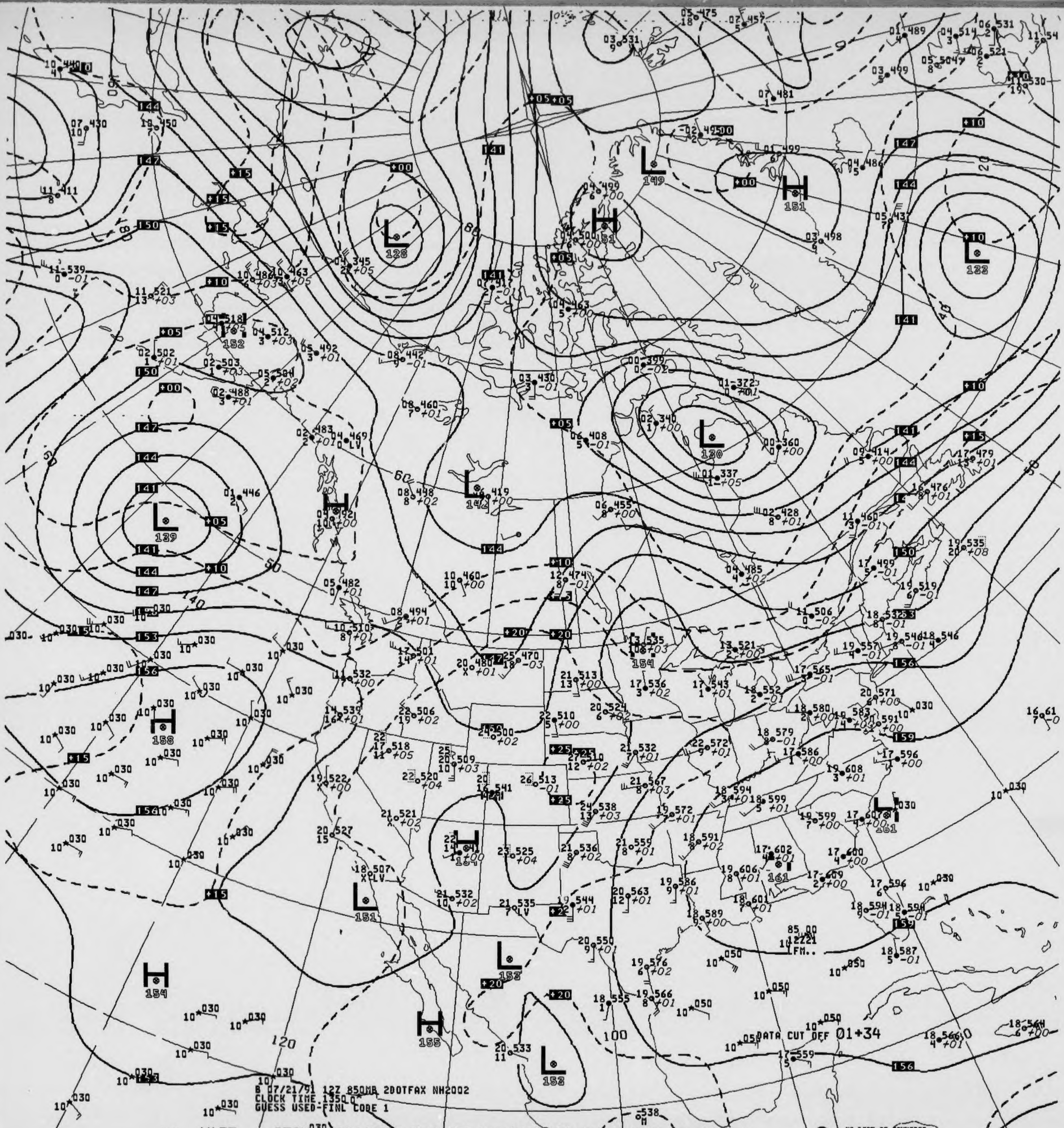
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/20/91 12Z 850MB 2DOTFAX NH200
CLOCK TIME 1353
GUESS USED-FINL CODE 1
DATA CUT OFF 01+38
85 00
12Z20
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

030 V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 20 JUL 91


L 126
H 150
H 151
L 149
L 135
L 127
H 146
H 146
L 142
H 183
L 144
L 146
H 159
H 152
L 147
L 150
H 153
L 150
H 154
L 152
85 00
00Z21
LFM..
DATA CUT OFF 01+40
8 07/21/91 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 2032Z
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

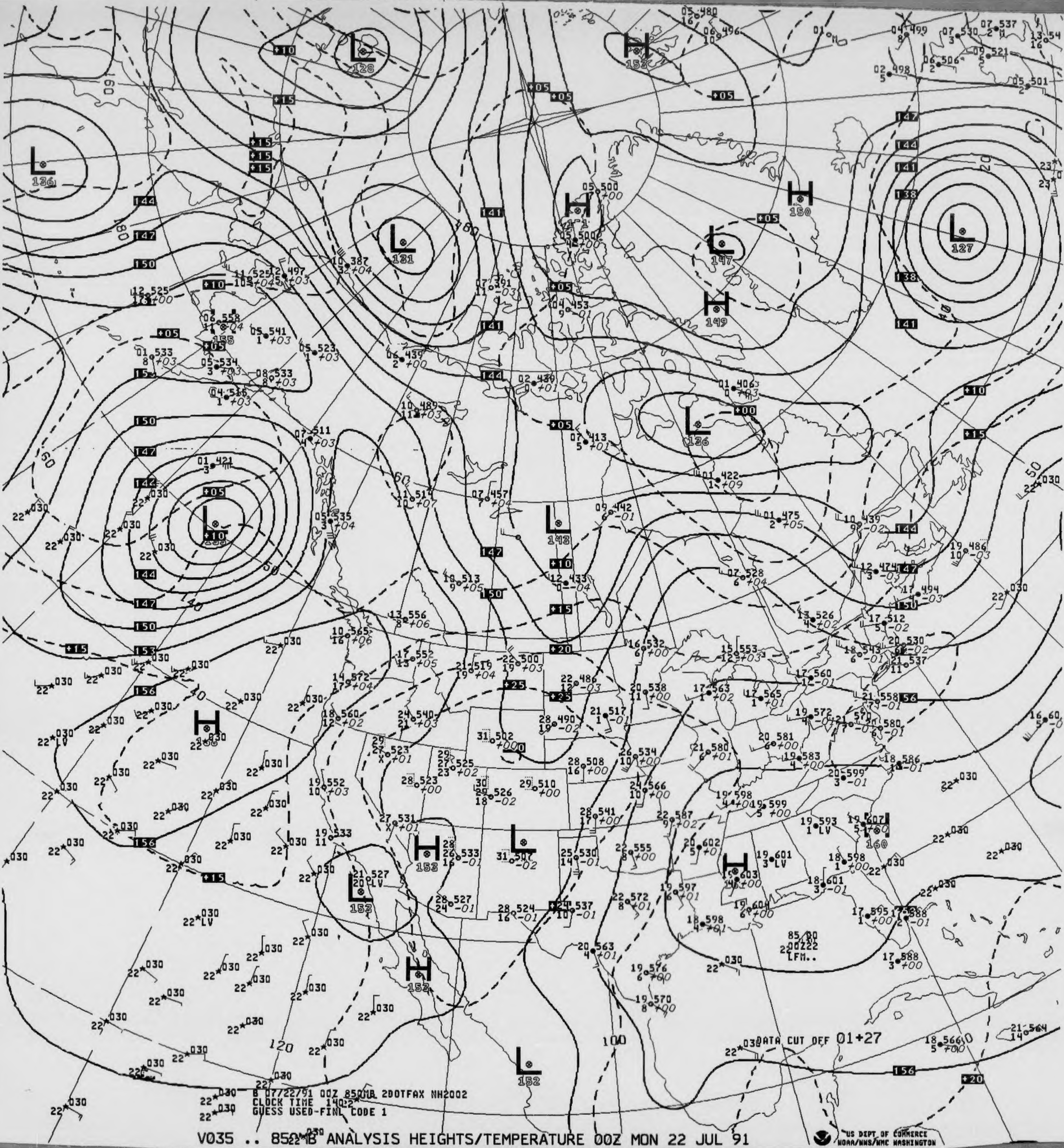
V035 ..850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 21 JUL 91


L
128
L
149
H
151
H
151
L
122
L
130
L
142
L
139
H
152
H
158
L
154
H
154
H
161
L
151
L
152
H
154
H
155
L
152
DATA CUT OFF 01+34
85 00
LFM..

B 07/21/91 12Z 850MB 200TFAX NH2002
CLOCK TIME 1350
GUESS USED-FINL CODE 1

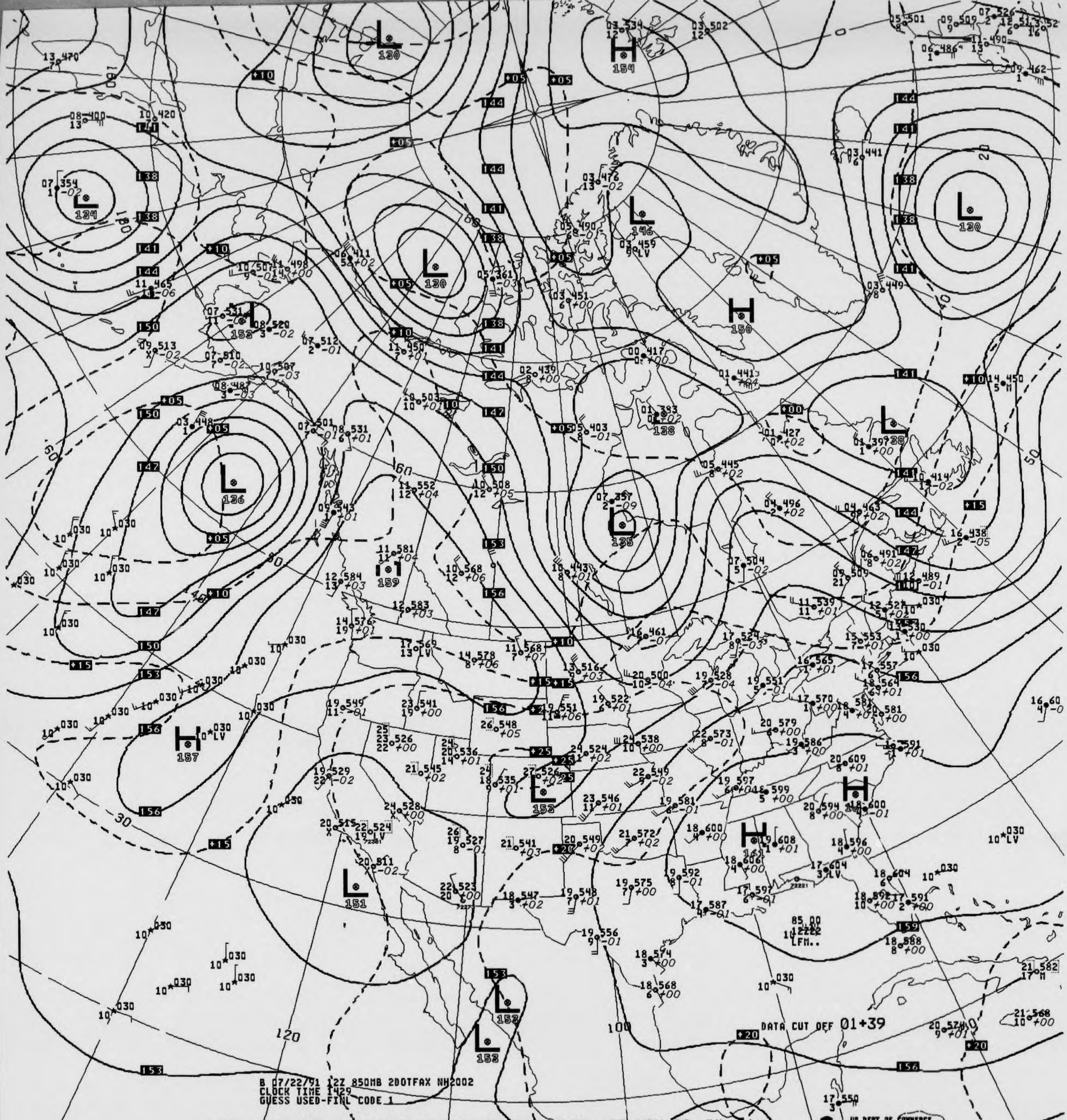
V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 21 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/22/91 00Z 850MB 200TFAX NH2002
CLOCK TIME 1402
GUESS USED-FINL CODE 1
DATA CUT OFF 01+27
85/00
00Z22
LFM..

V035 .. 850 MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 22 JUL 91

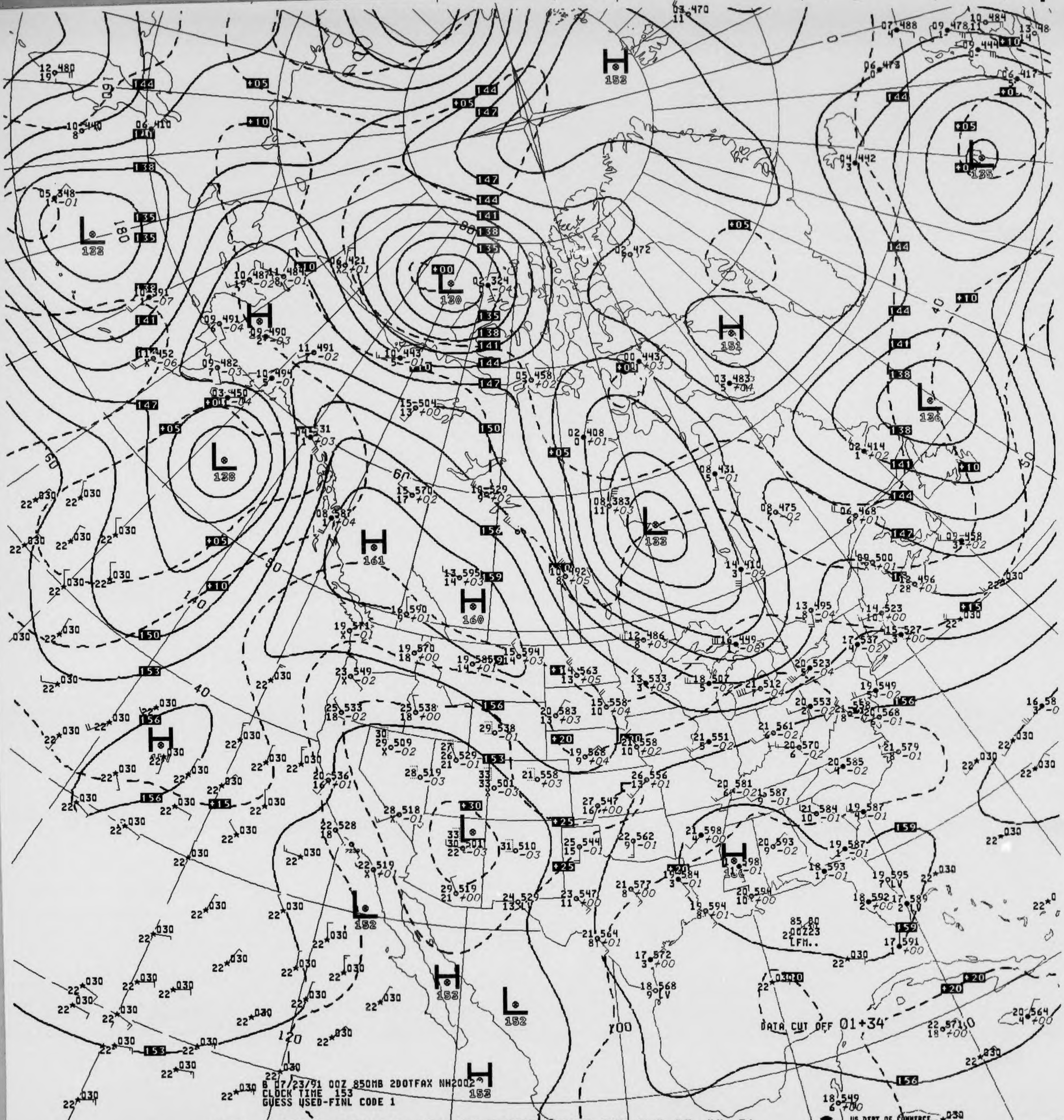
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 130
H 154
L 134
L 130
L 146
H 150
L 130
H 152
L 138
L 128
L 136
L 135
H 159
H 157
L 153
H 141
L 151
L 153
L 153
100
120
DATA CUT OFF 01+39

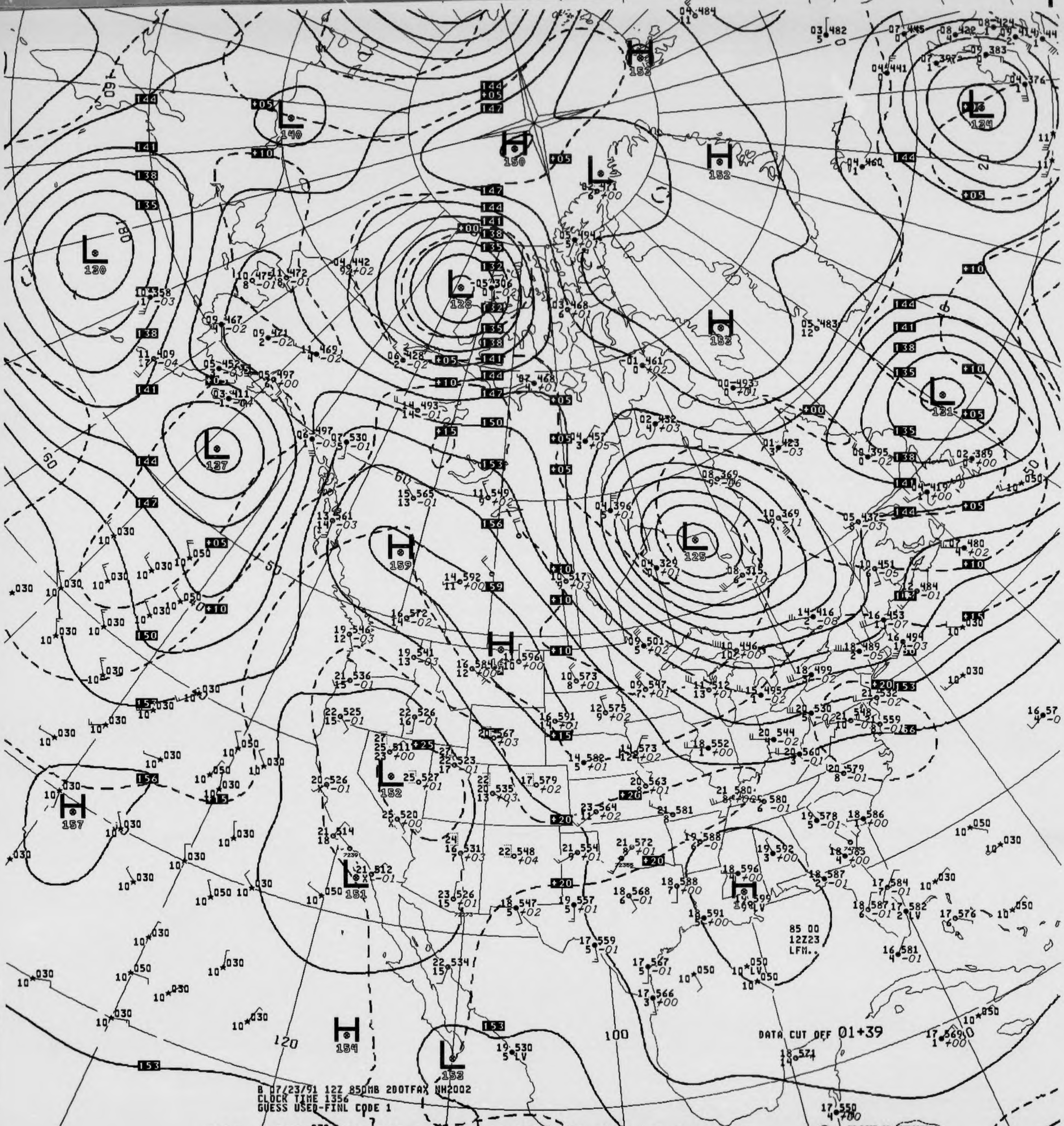
B 07/22/91 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1429
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 22 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

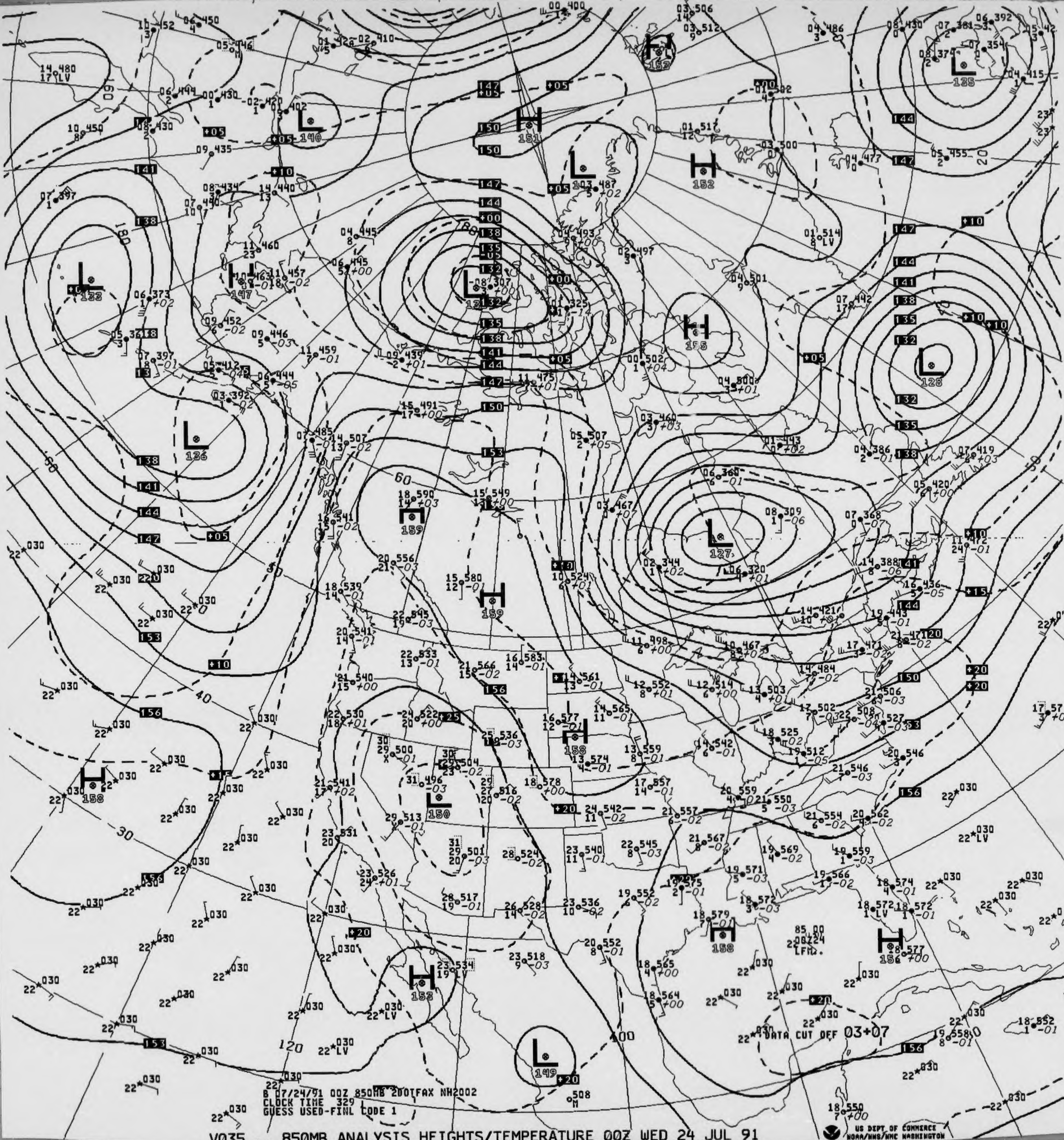

B 07/23/91 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 153
GUESS USED-FINL CODE 1
DATA CUT OFF 01+34
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 23 JUL 91

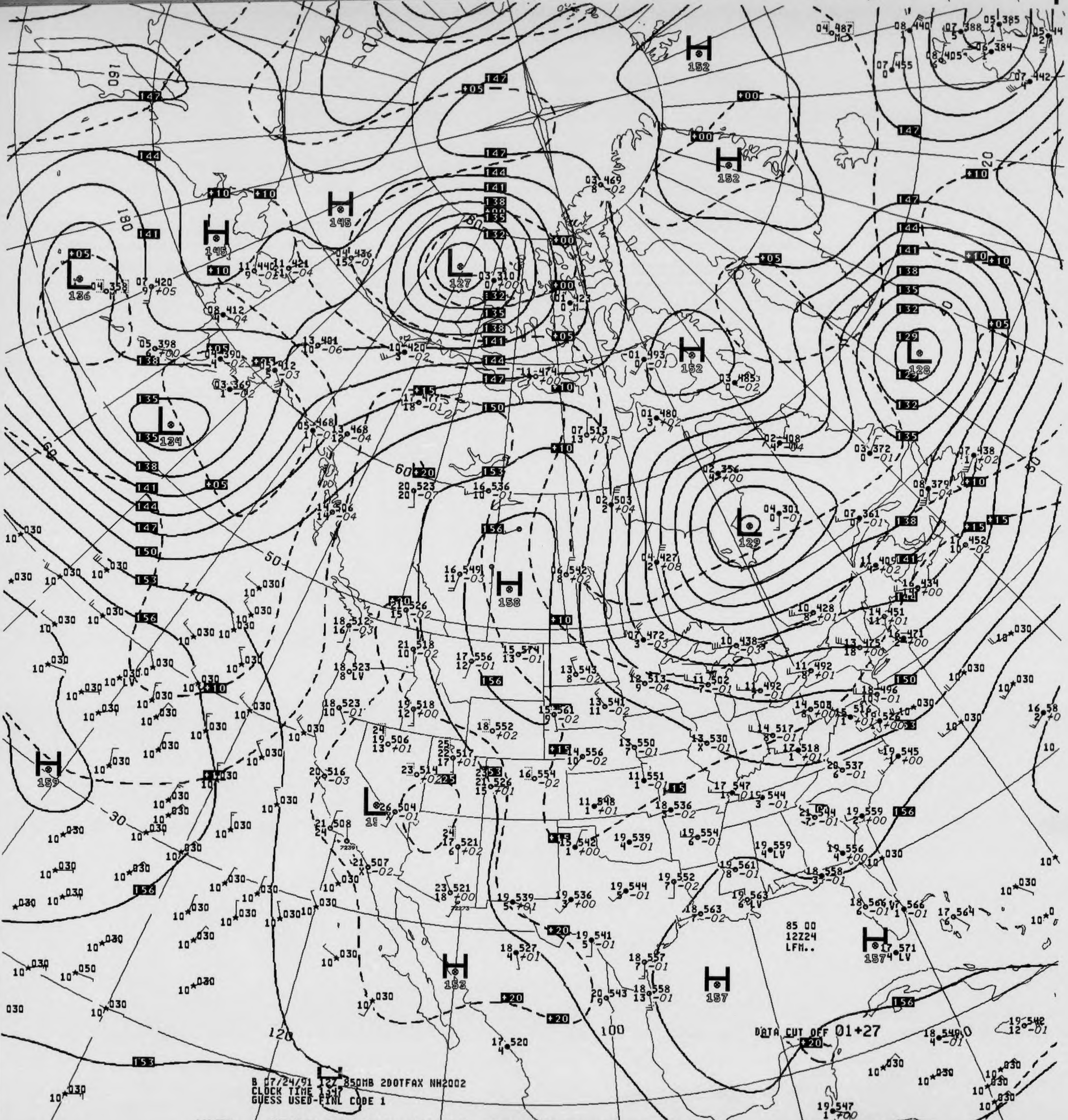

B 07/23/91 12Z 850MB 200TFAX NH2002
CLOCK TIME 1356
GUESS USED-FINL CODE 1
DATA CUT OFF 01+39
85 00
12Z23
LFM..
L 130
L 140
L 137
L 128
H 150
H 153
H 152
H 153
L 124
L 131
L 125
H 159
H
L 152
L 151
H 157
H 154
L 153
H
120
100
60
50

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 23 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

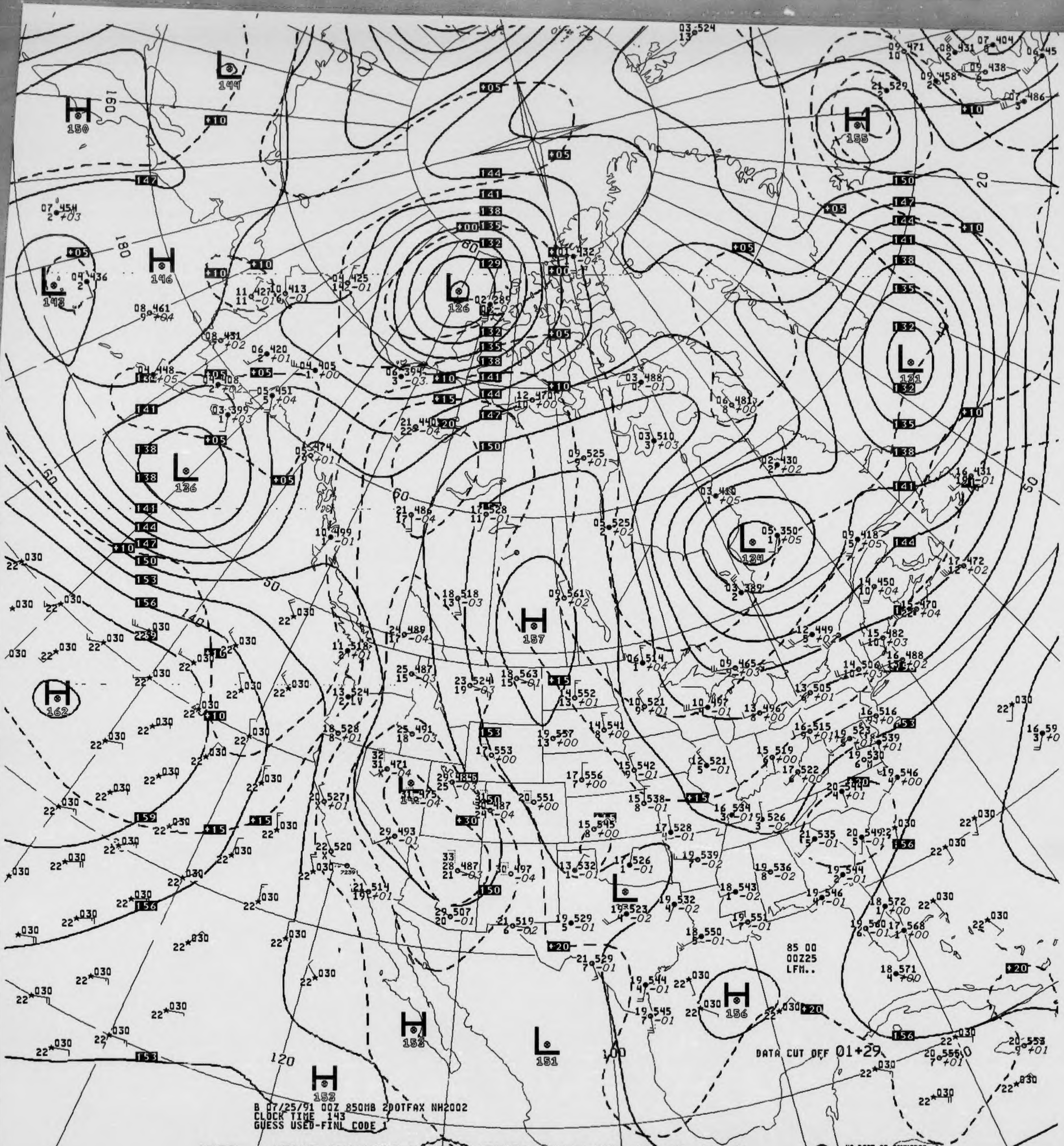

B 07/24/91 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 329
GUESS USED-FINL CODE 1
DATA CUT OFF 03+07
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
L 140
L 133
L 136
L 131
L 103
L 135
L 128
L 127
L 150
L 149
H 151
H 152
H 147
H 155
H 159
H 158
H 153
H 156
120
100
60
50
40
30
20
180
160

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 24 JUL 91


B 07/24/91 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1347
GUESS USED-FINL CODE 1
DATA CUT OFF 01+27
85 00
12Z24
LFM..

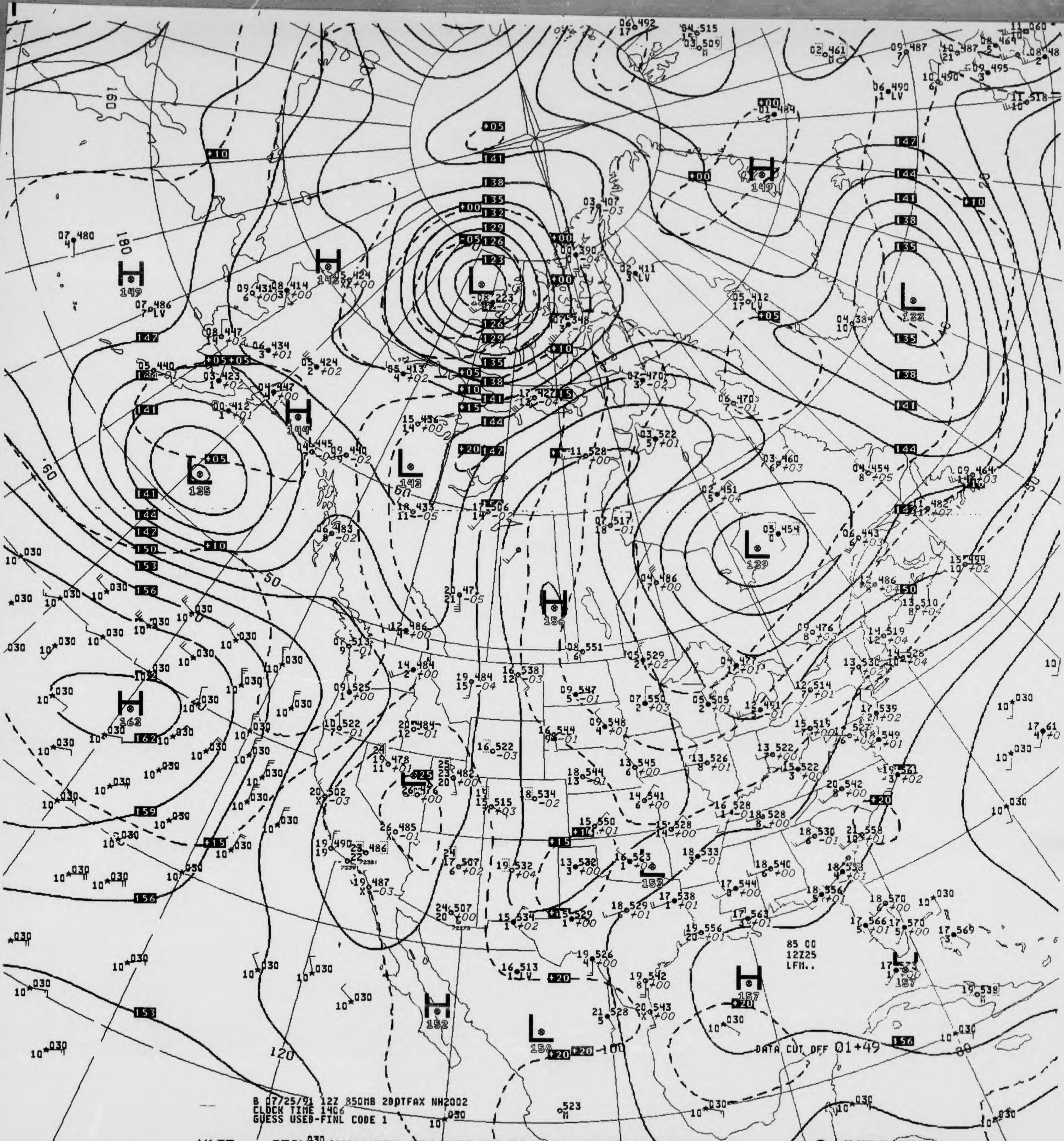
V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 24 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


85 00
00Z25
LFM..
DATA CUT OFF 01+29
B 07/25/91 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 143
GUESS USED-FINL CODE 1

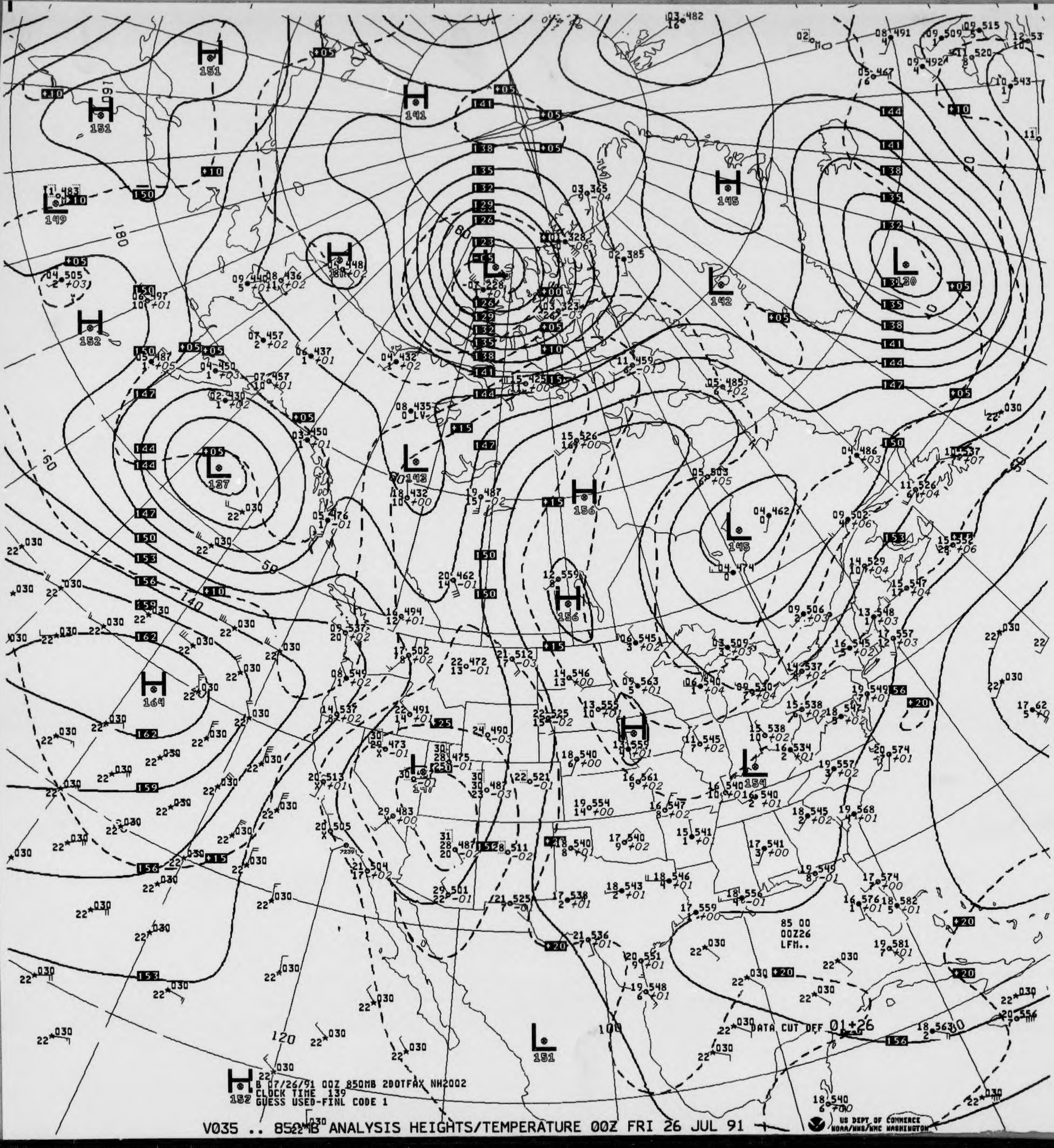
V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 25 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

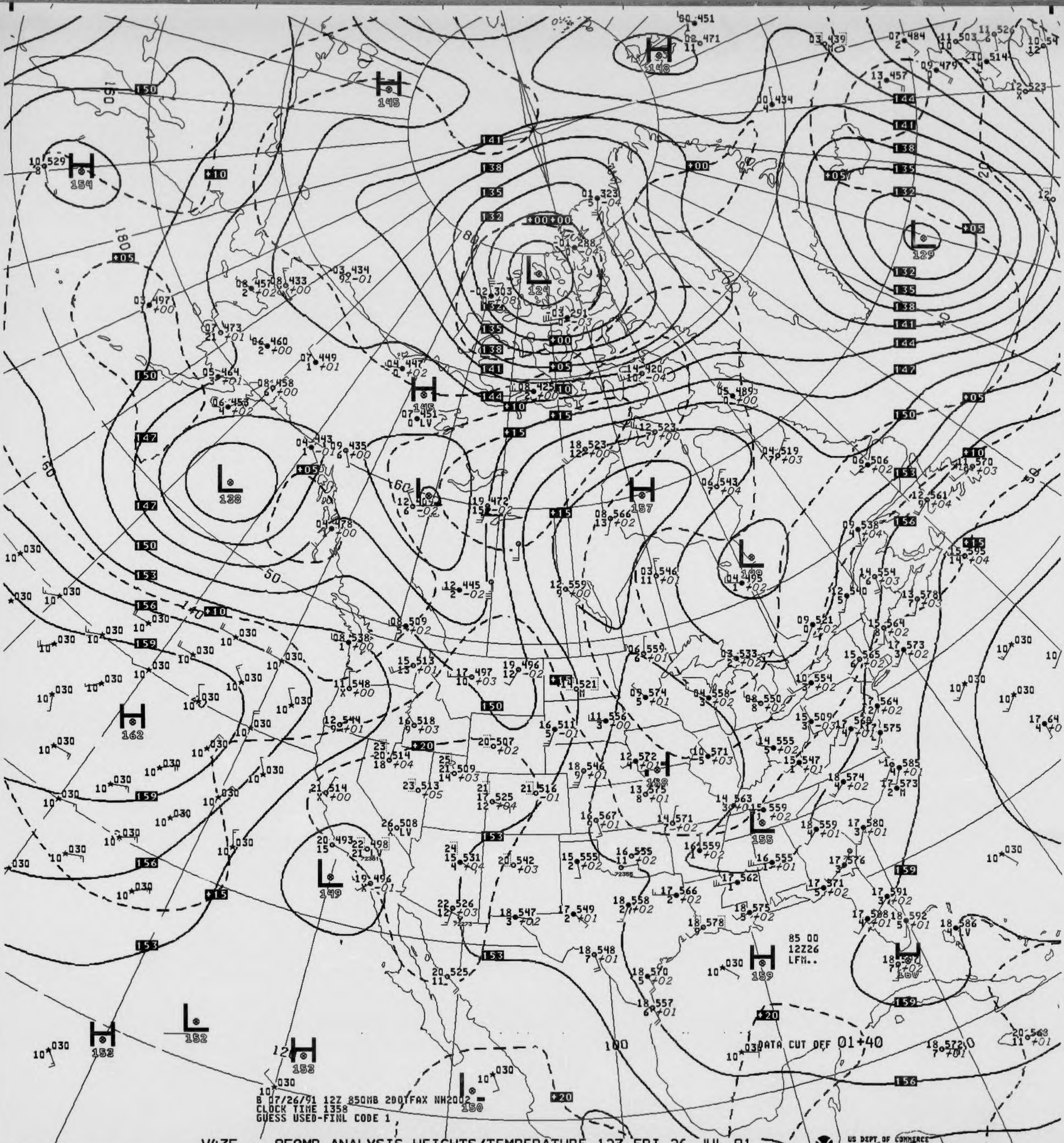

B 07/25/91 12Z 850MB 2DPTFAX NH2002
CLOCK TIME 1406
GUESS USED-FINL CODE 1
DATA CUT OFF 01+49
85 00
12Z25
LFM..
H 149
H 143
H 144
L 135
L 142
L 123
H 149
L 133
L 139
H 156
H 163
L 152
H 157
H 152
L 150

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 25 JUL 91

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON


B 07/26/91 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 139
GUESS USED-FINL CODE 1
DATA CUT OFF 01+26
85 00
00Z26
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

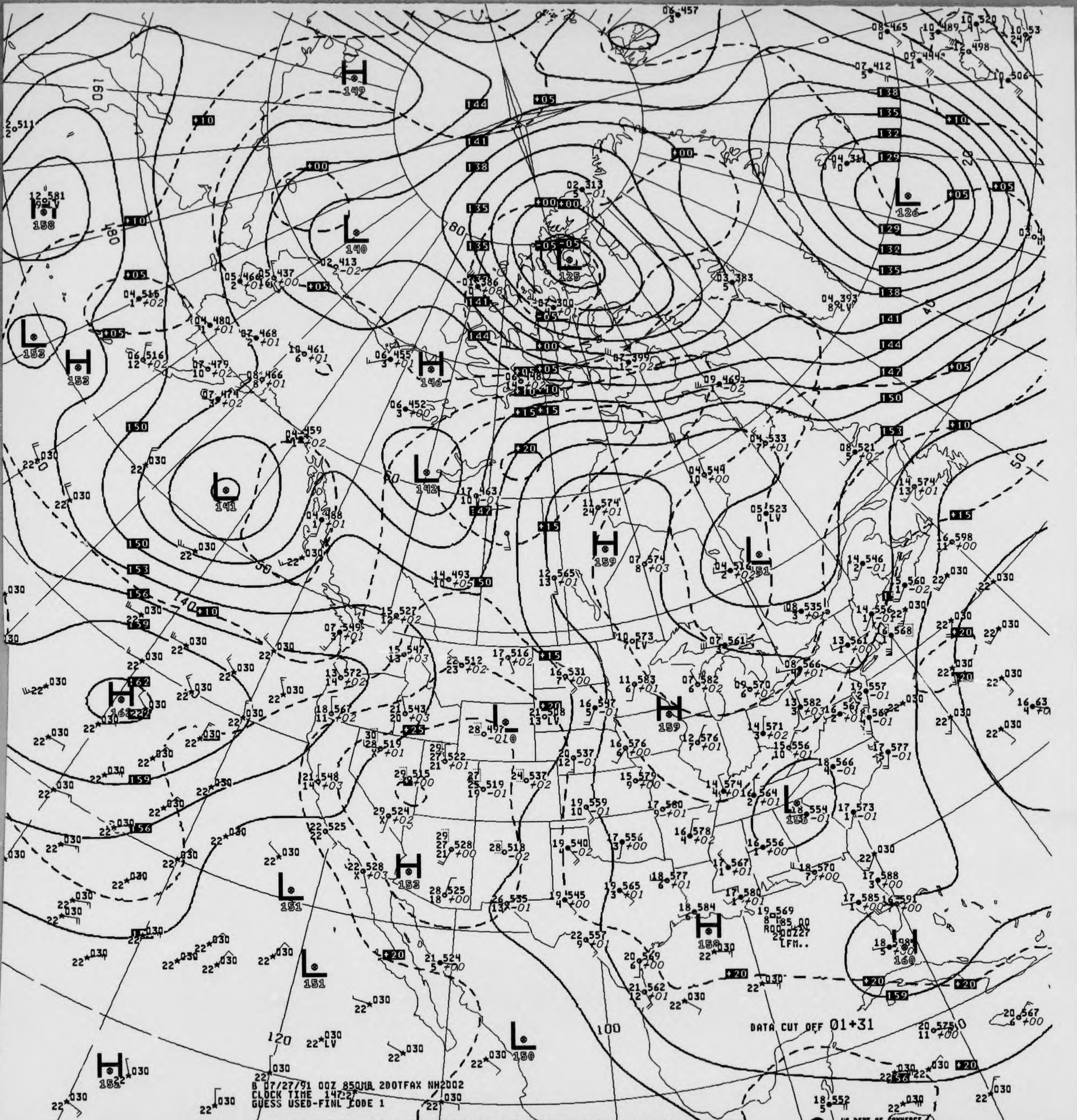
V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 26 JUL 91


85 00
12Z26
LFM..
DATA CUT OFF 01+40

B 07/26/91 12Z 850MB 2001FAX NH2002
CLOCK TIME 1358
GUESS USED-FINL CODE 1

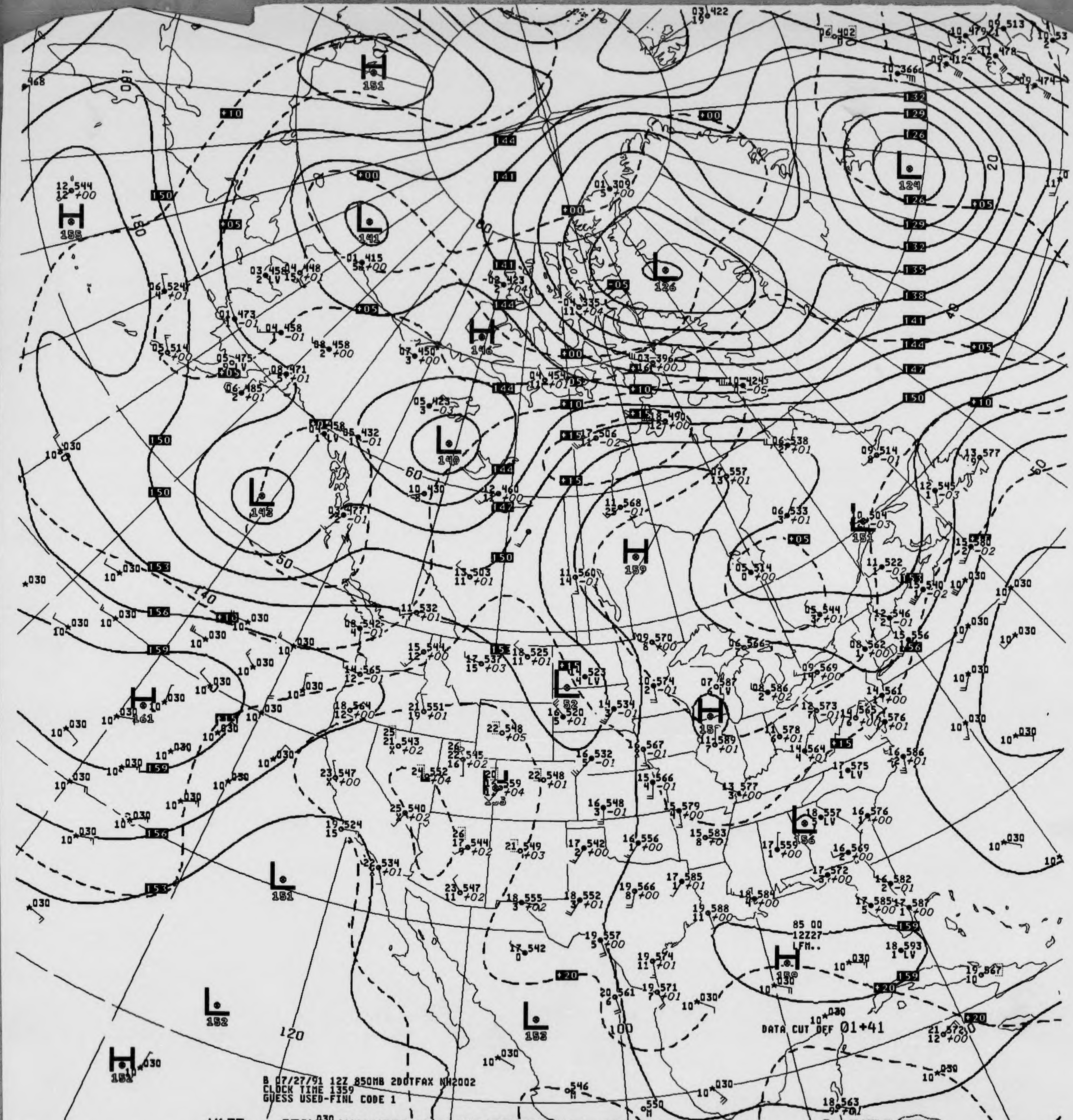
V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 26 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+31
B 07/27/91 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 147:27
GUESS USED-FINL CODE 1

030 V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 27 JUL 91

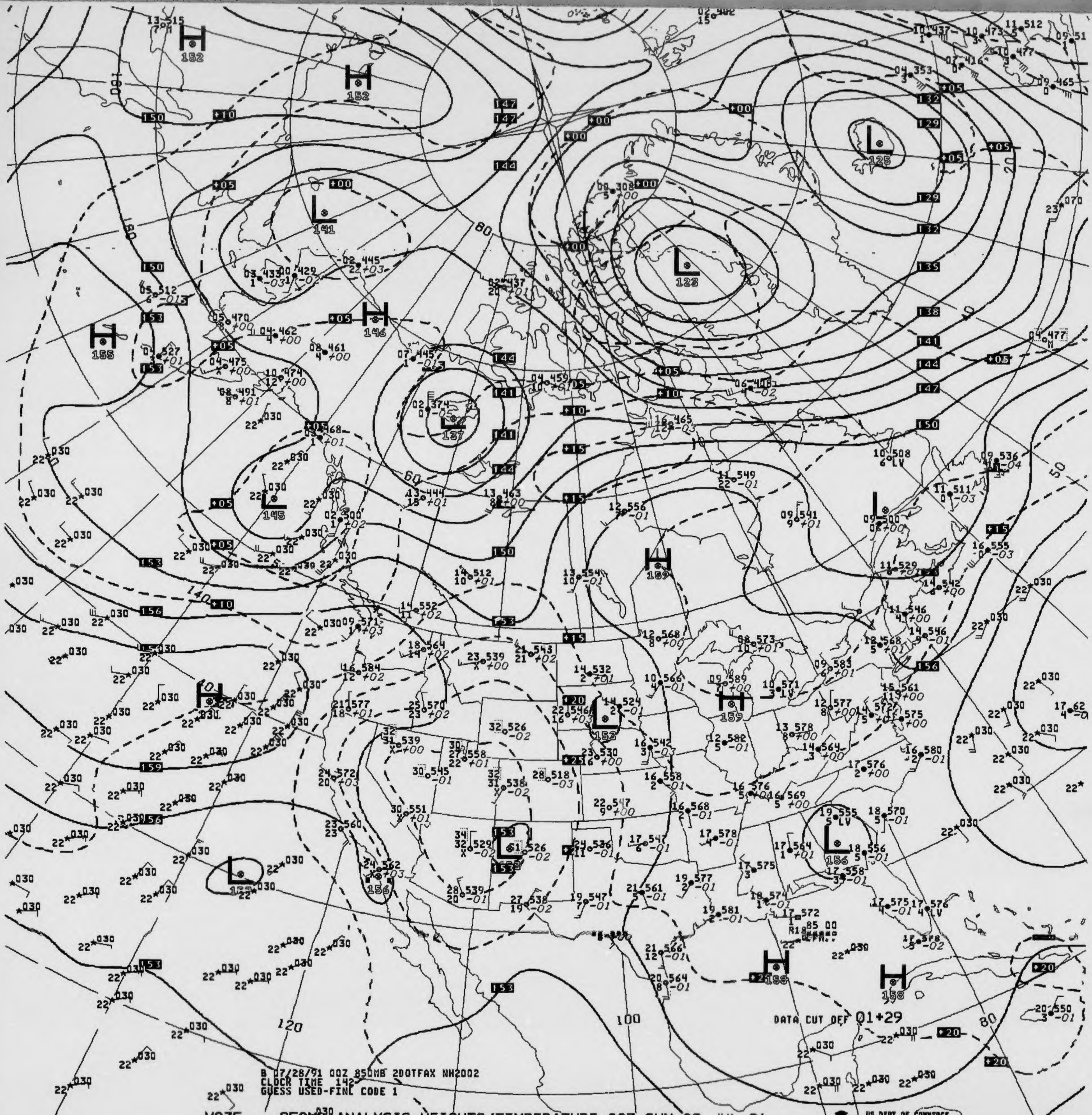
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 151
L 141
H 155
L 124
L 126
H 146
L 140
L 143
H 159
L 151
L 52
H 15
H 161
L 151
L 156
H 159
L 152
L 152
H 152
60
50
40
20
120
100
DATA CUT OFF 01+41
85 00 12Z27 LFM..

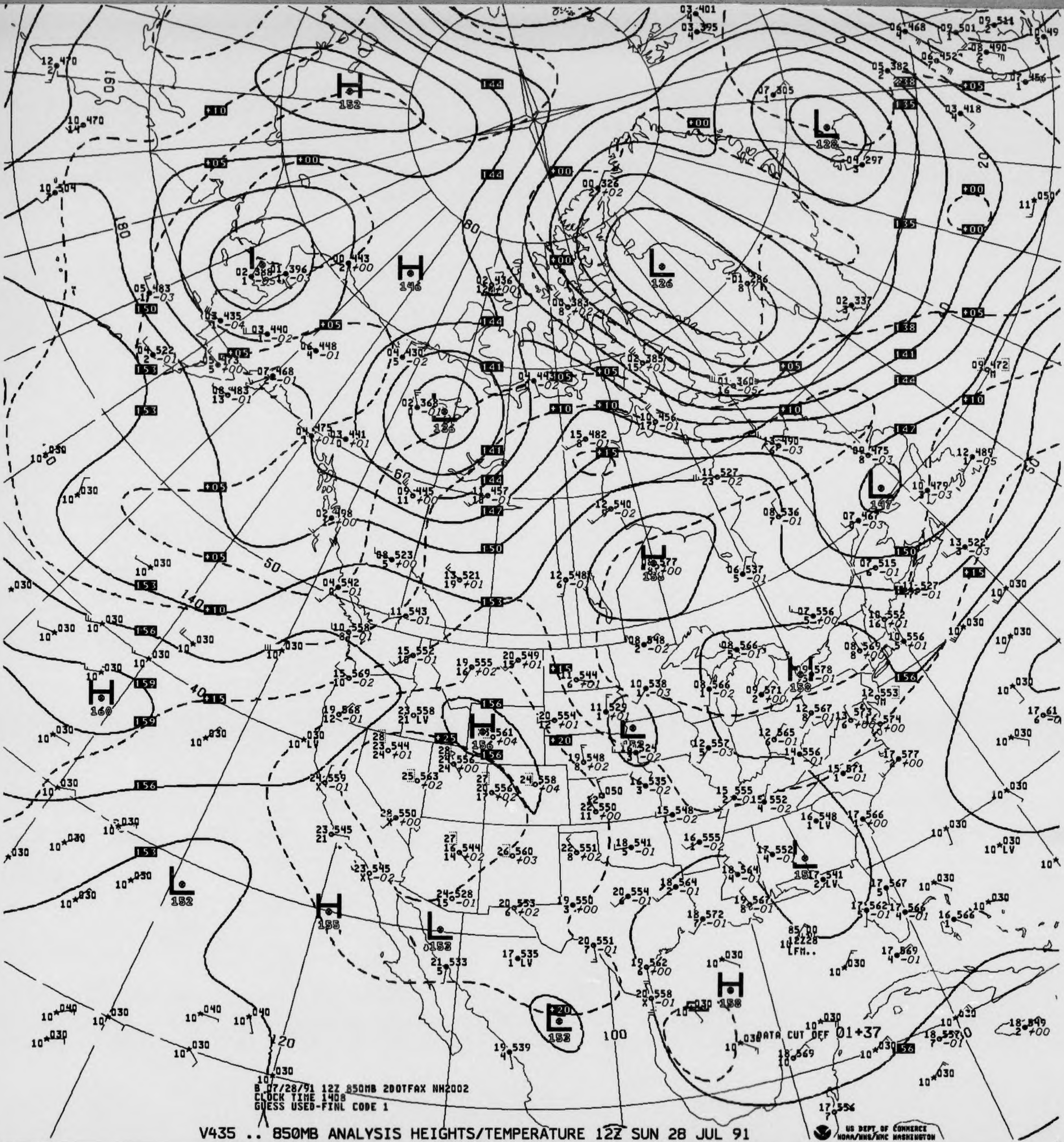
B 07/27/91 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 27 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+29
B 07/28/91 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

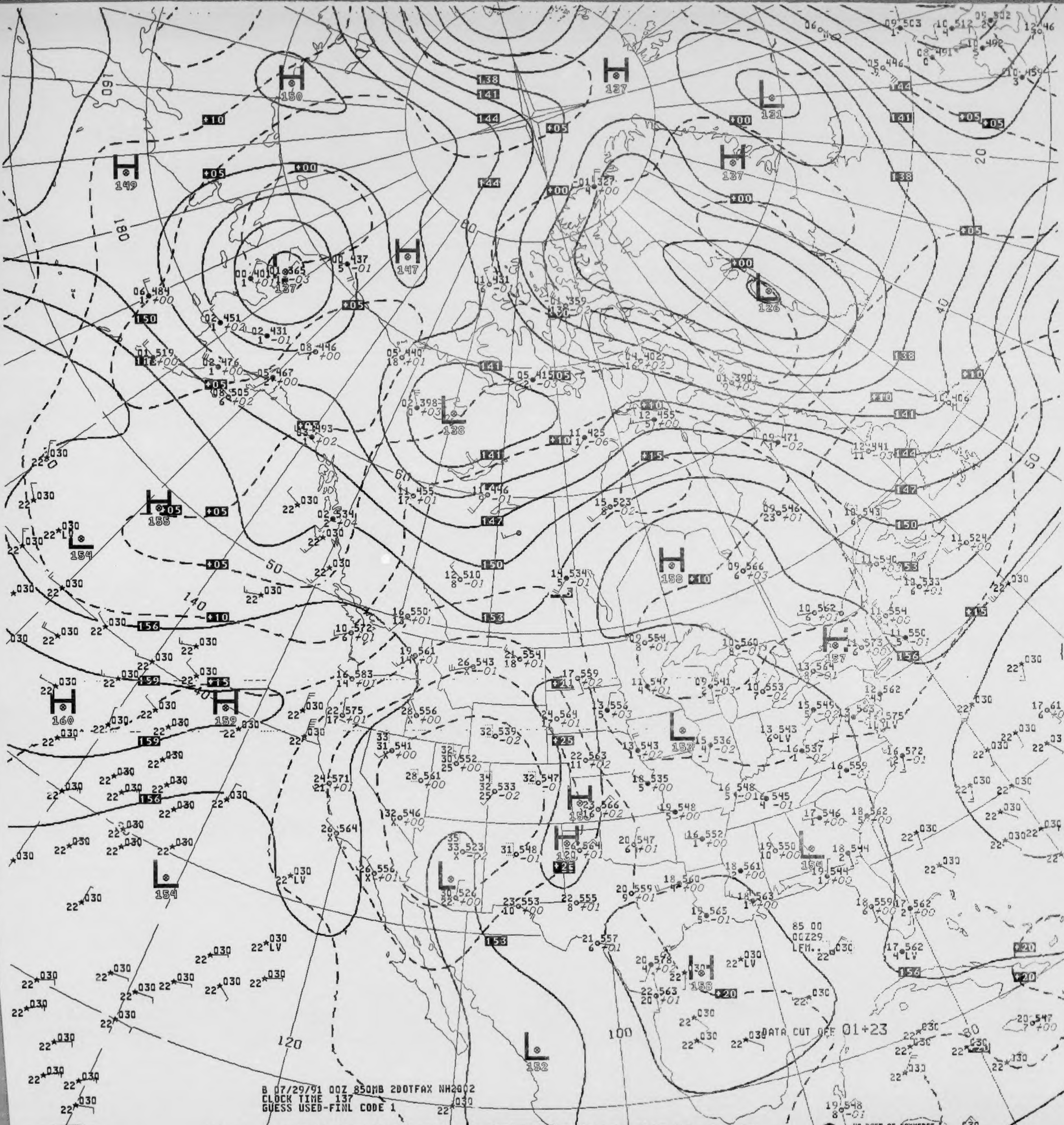
V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 28 JUL 91


H 152
L 128
H 146
L 126
L 128
H 155
H 160
H 156
L 152
H 155
L 153
L 152
H 158
DATA CUT OFF 01+37

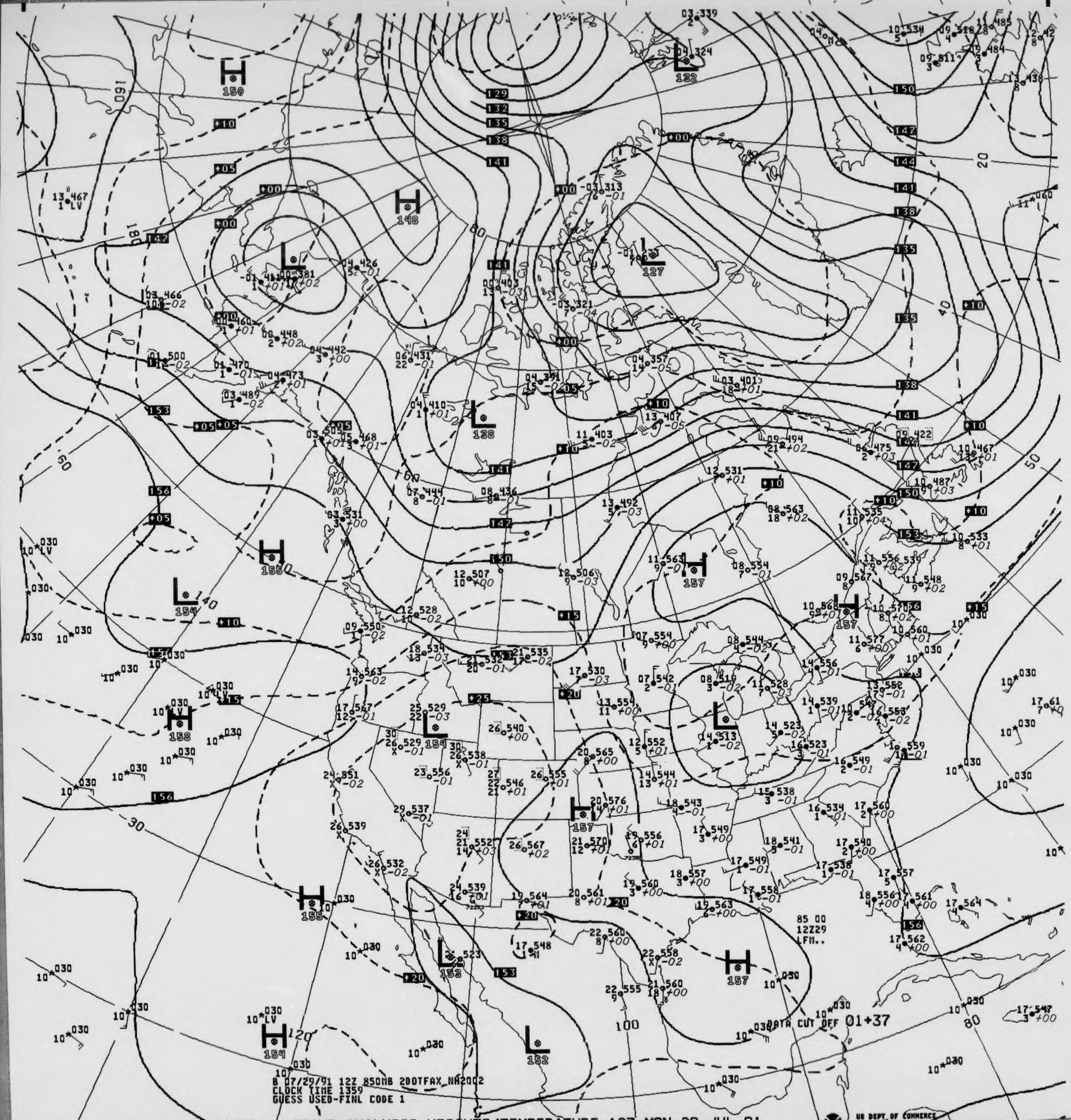
B 07/28/91 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1408
GUESS USED-FINL CODE 1

V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 28 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/29/91 00Z 850MB 2DOTFAX NH2002
CLOCK TIME 137
GUESS USED-FINL CODE 1
DATA CUT OFF 01+23
85 00
00Z29
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H 150
H 149
H 137
H 137
L 131
L 137
H 147
L 126
L 138
H 155
L 154
H 158
H 157
H 160
H 159
L 152
H 156
H 120
L 154
L 154
L 152
H 158
160
180
140
120
100
80
60
50
40
20
30
50

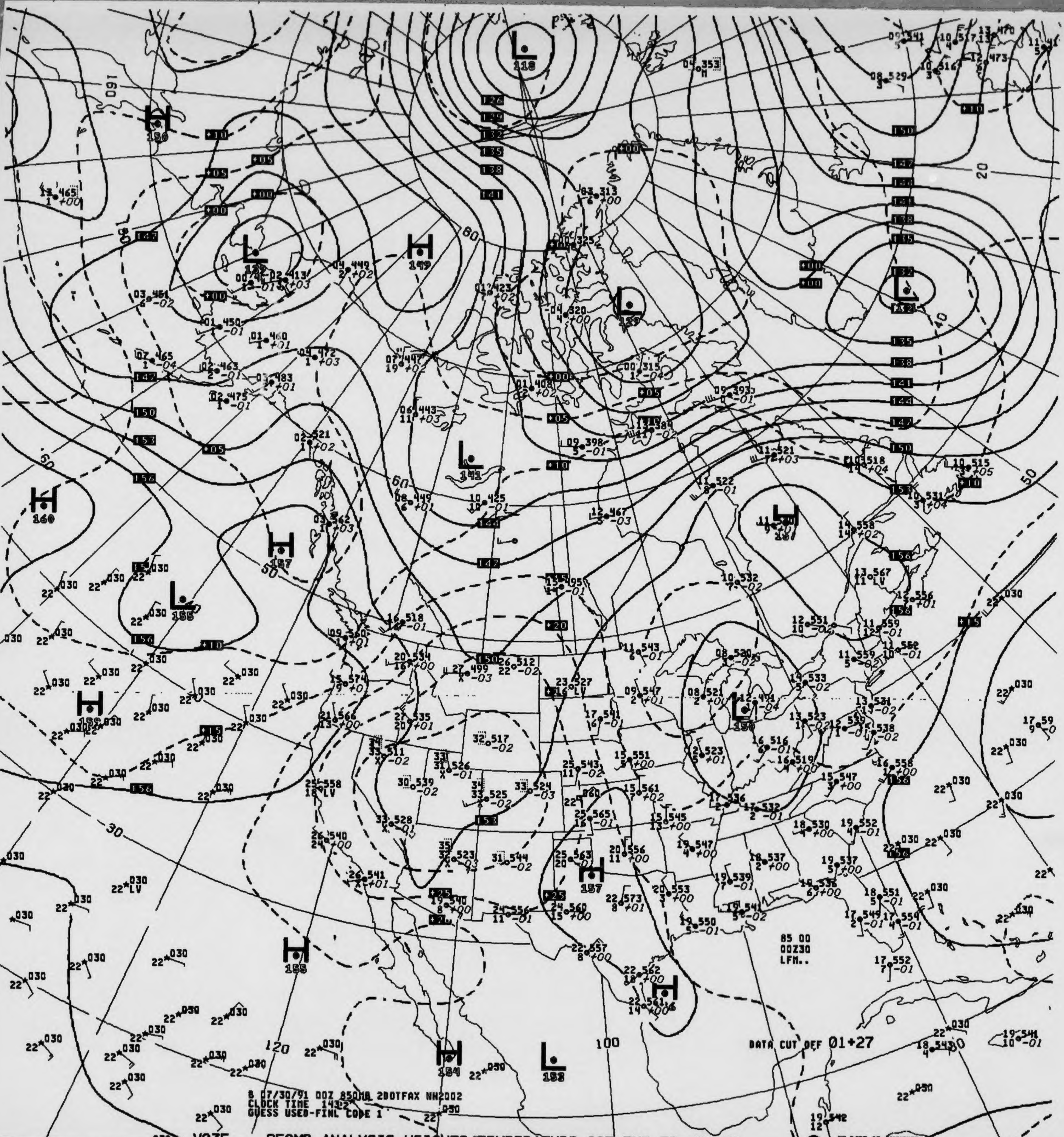
V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 29 JUL 91


H 150
H 148
H 155
H 158
H 155
H 154
H 157
H 157
H 157
H 157
L 122
L 127
L 138
L 154
L 154
L 153
L 152
129
132
135
138
141
144
147
150
153
156
DATA CUT OFF 01+37
85 00
12Z29
LFM..

B 07/29/91 12Z 850MB 2DOTFAX NA2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1

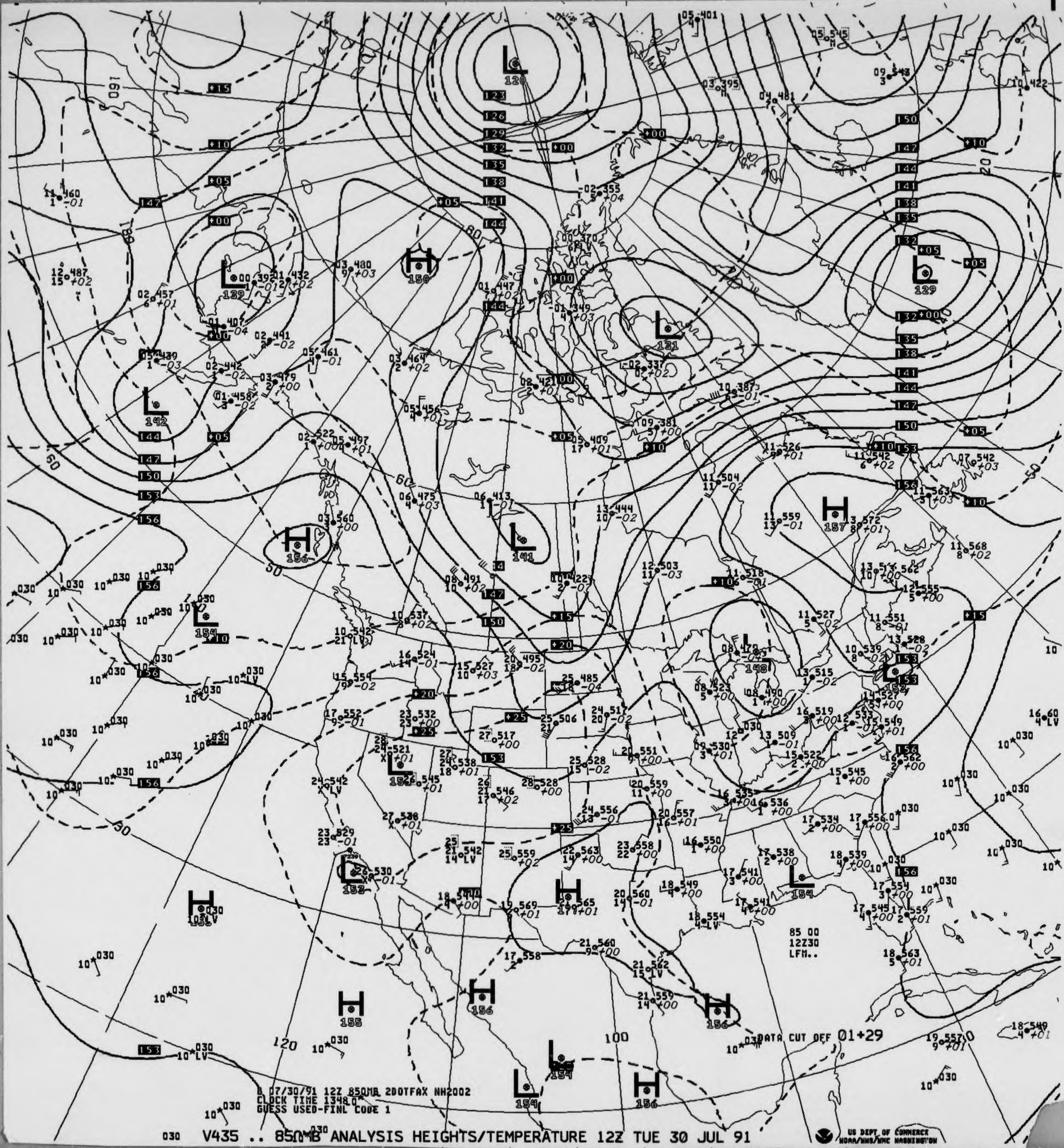
V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 29 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


85 00
00Z30
LFM..
DATA CUT OFF 01+27
B 07/30/91 00Z 850MB 2D0TFAX NH2002
CLOCK TIME 1432
GUESS USED-FINL CODE 1
160
120
100
80
60
50
30
20
L 118
H 150
L 132
H 149
L 139
L 131
L 141
H 160
H 157
L 155
H 157
L 150
H 159
H 155
H 157
H 154
L 152

V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 30 JUL 91

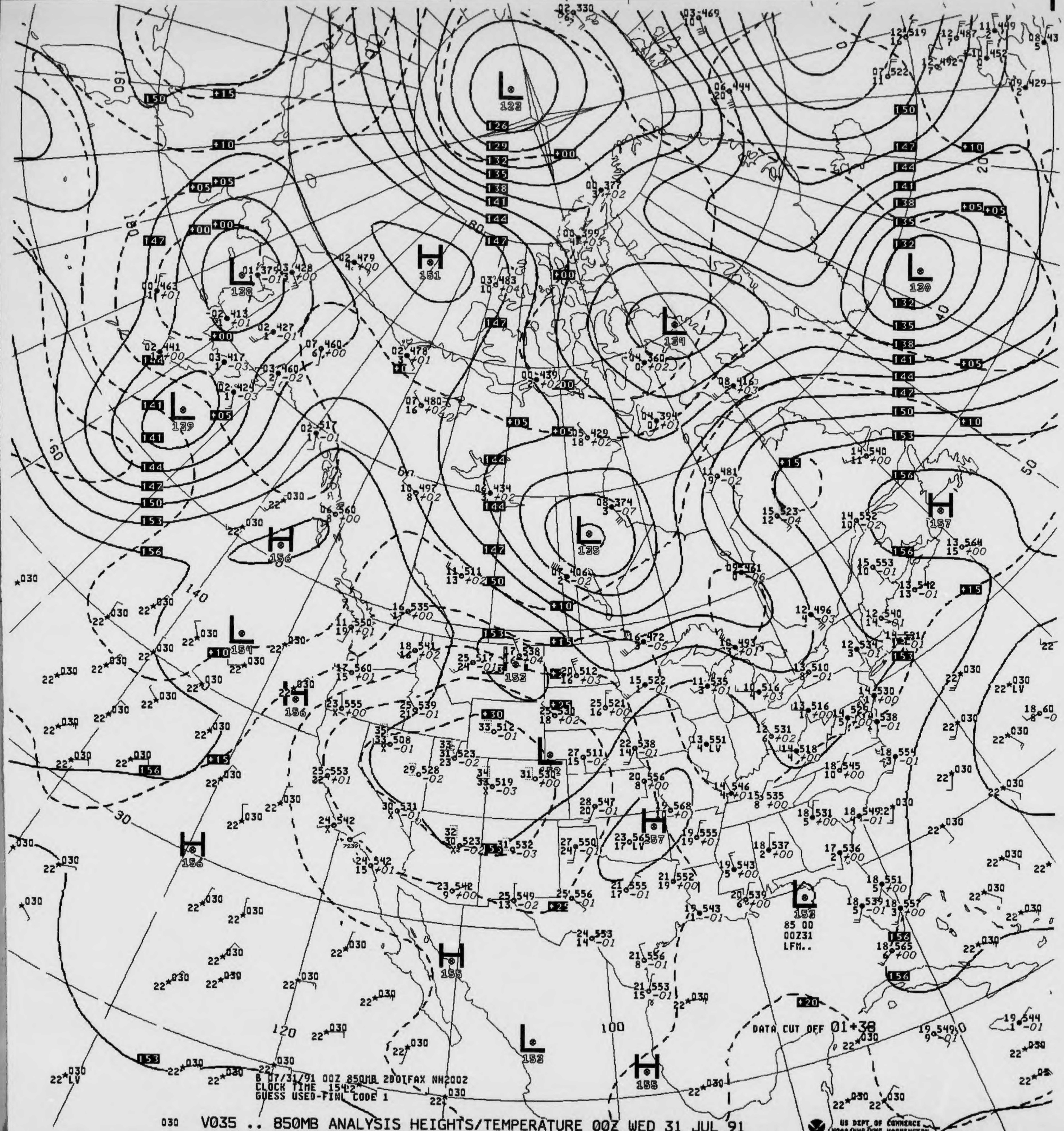
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+29
85 00
12Z30
LFM..
120
100
60
50
30

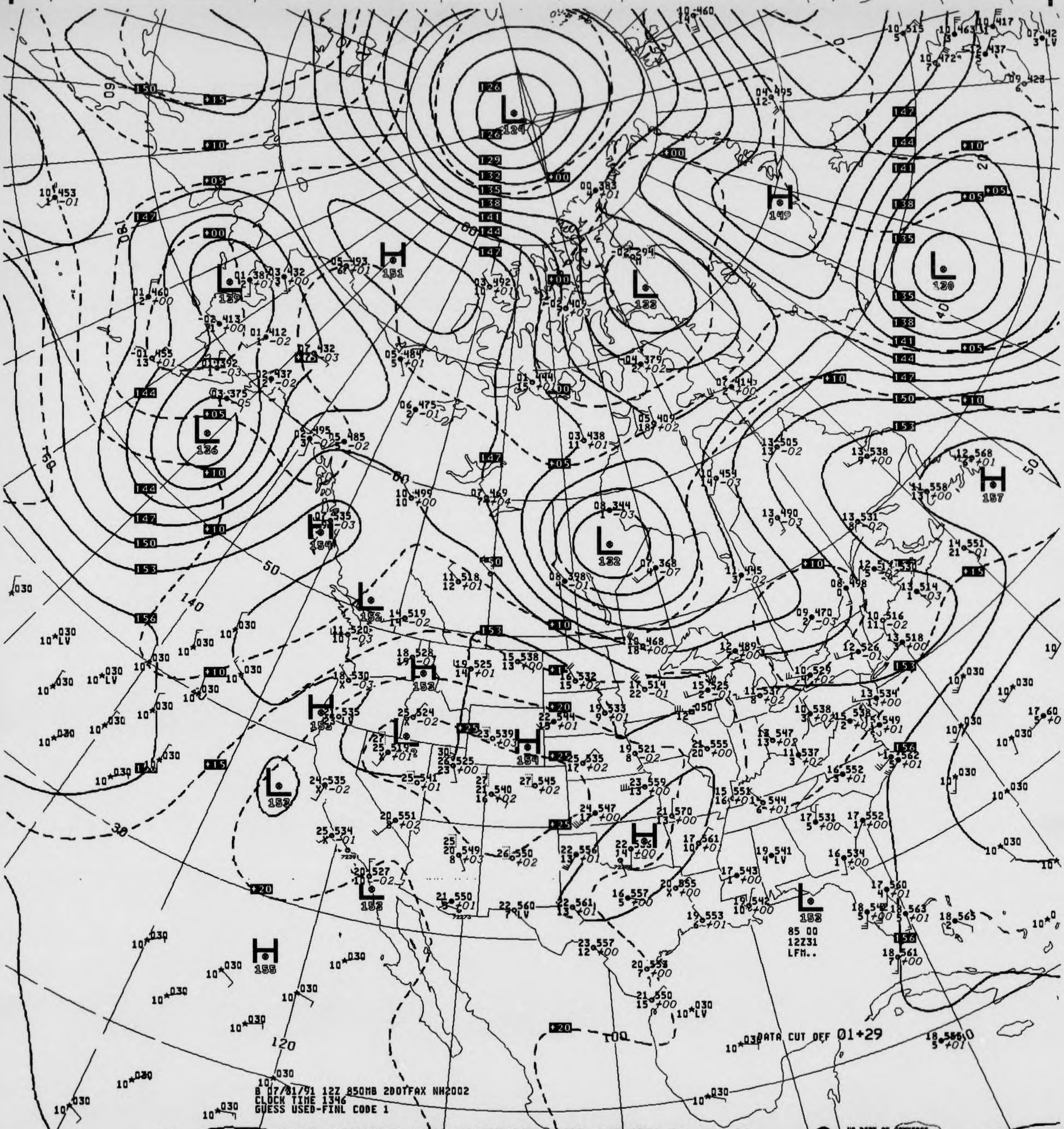
B 07/30/91 12Z 850MB 2DOTFAX NH2002
CLOCK TIME 1348
GUESS USED-FINL CODE 1

030 V435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 30 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 123
H 151
L 128
L 139
L 134
L 130
L 135
H 156
H 157
L 154
H 156
L 152
L 152
H 157
L 153
H 156
H 155
L 152
H 155
85 00
00Z31
LFM..
DATA CUT OFF 01+38
B 07/31/91 00Z 850MB 2001FAX NH2002
CLOCK TIME 1542
GUESS USED-FINL CODE 1
120
100
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

030 V035 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 31 JUL 91


L 124
L 129
L 136
H 151
L 133
H 149
L 130
H 154
L 132
H 157
L 152
H 153
H 153
L 152
H 154
L 153
H 155
H
L 153
L 153
85 00
12Z31
LFM..
DATA CUT OFF 01+29
B 07/31/91 12Z 850MB 200TFAX NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1

√435 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 31 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

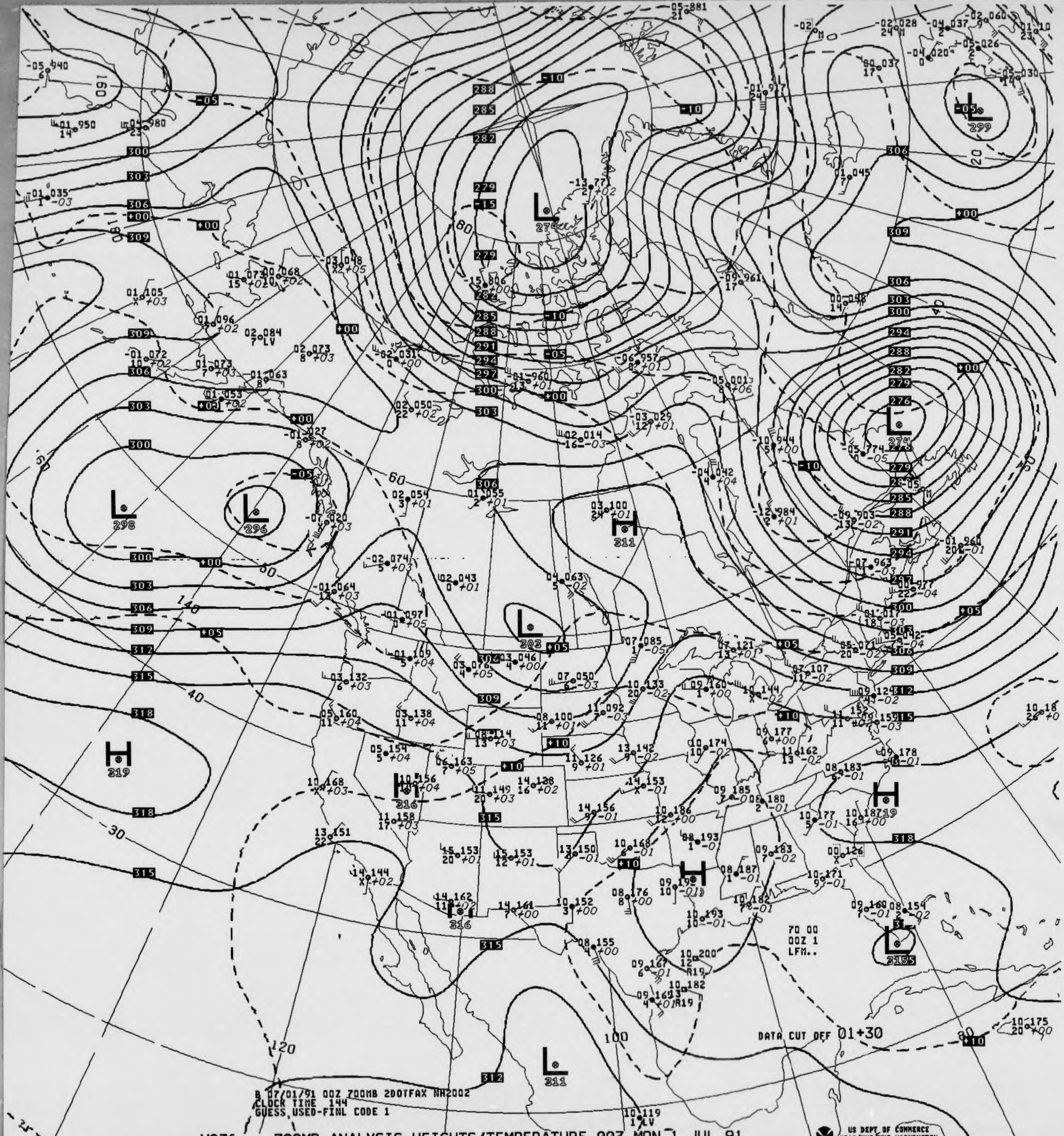
AA Form 48 - 361A
ev. 8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information S
National Climatic Data Center

700 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

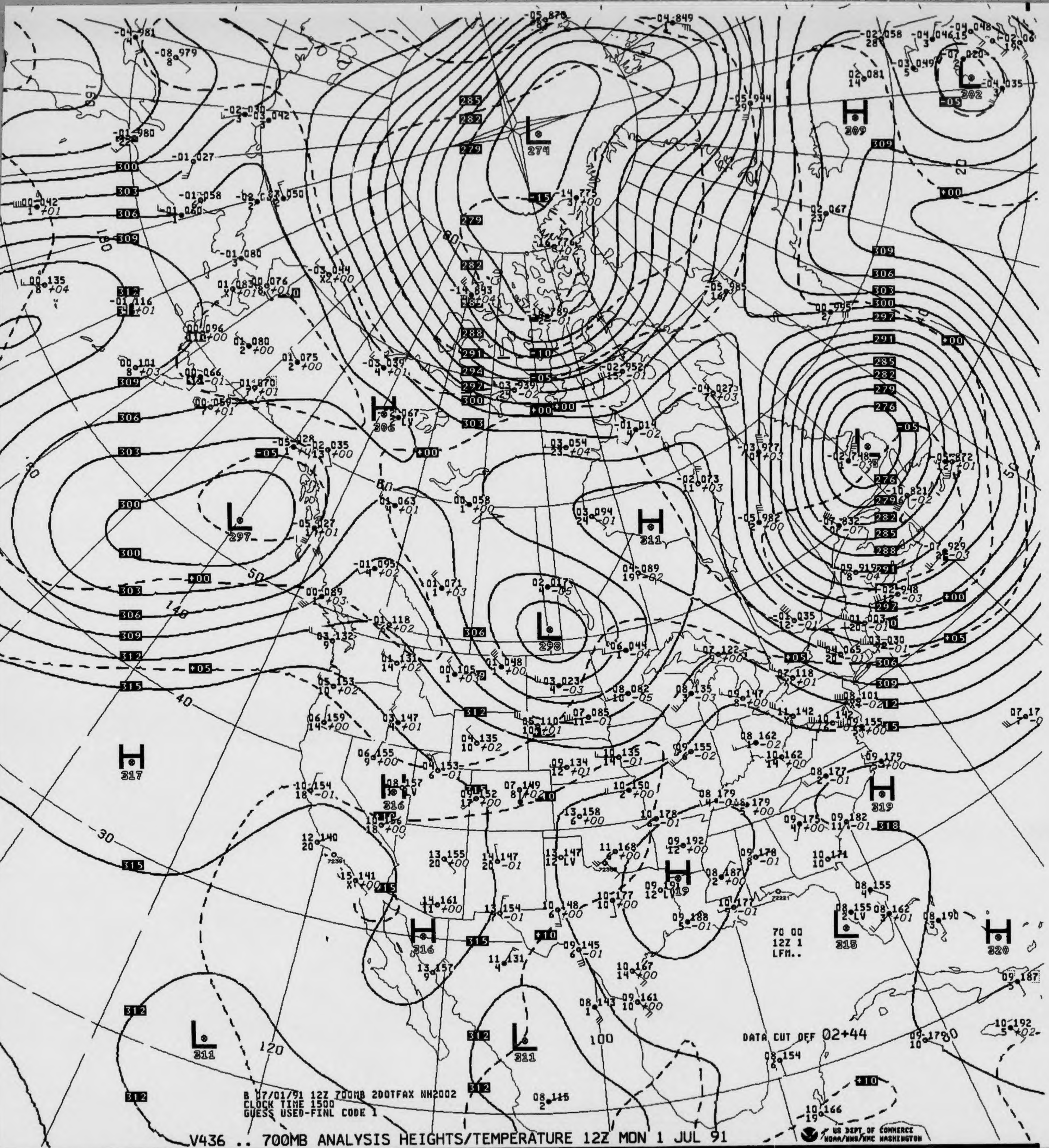
ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING


DATA CUT OFF 01+30
70 00
00Z 1
LFM..
H
319
L
298
L
296
L
274
L
299
L
274
H
311
L
303
H
316
H
316
H
H
319
L
3155
L
311

8 07/01/91 00Z 700MB 200TFAX NH2002
CLOCK TIME 144
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 1 JUL 91

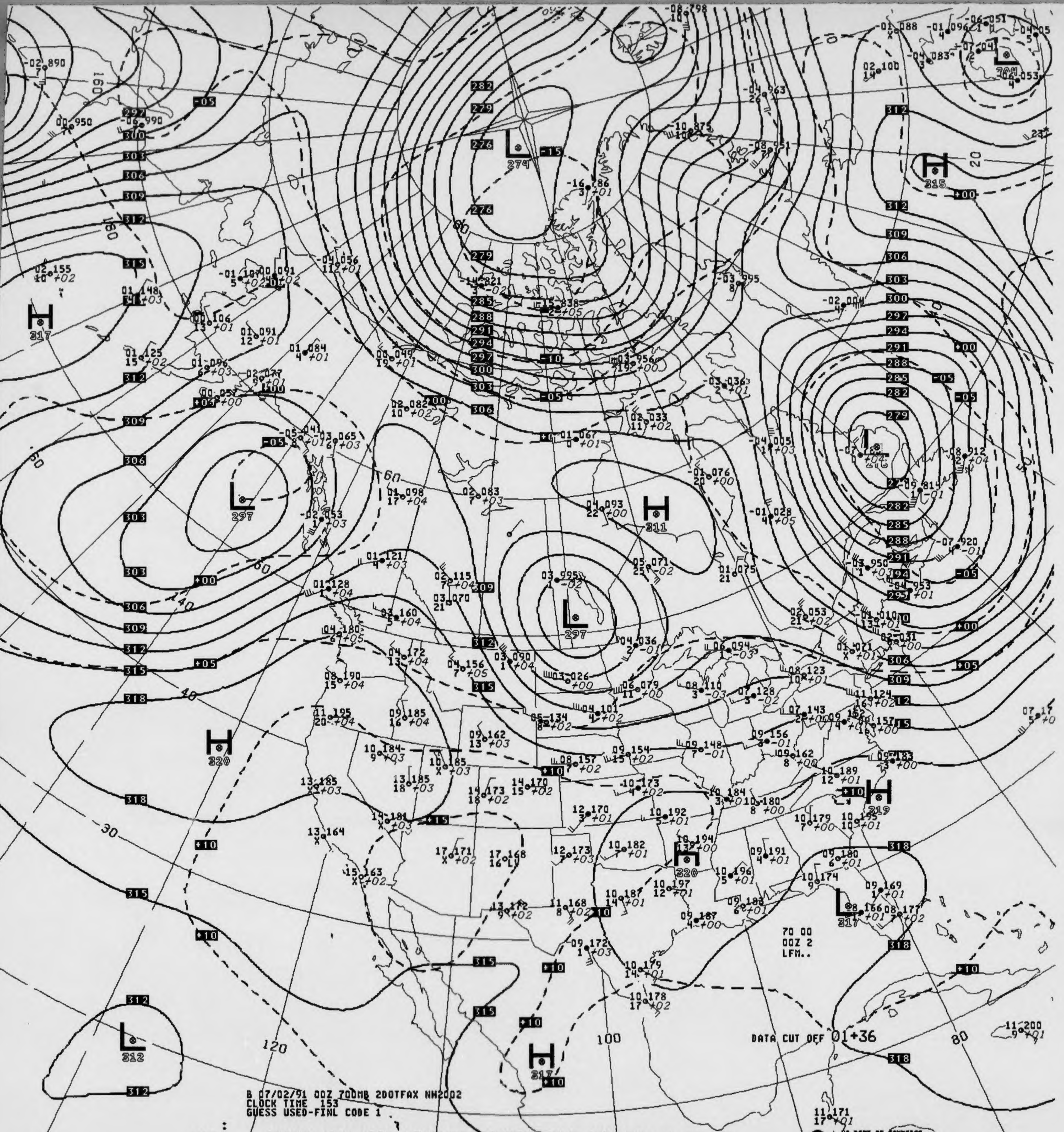
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 279
H 309
L 302
H 306
L 297
H 311
L 298
H 317
H 316
H 319
H 319
L 315
H 316
H 320
L 311
L 311
DATA CUT OFF 02+44
70 00
12Z 1
LFM..

B 07/01/91 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1500
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 1 JUL 91

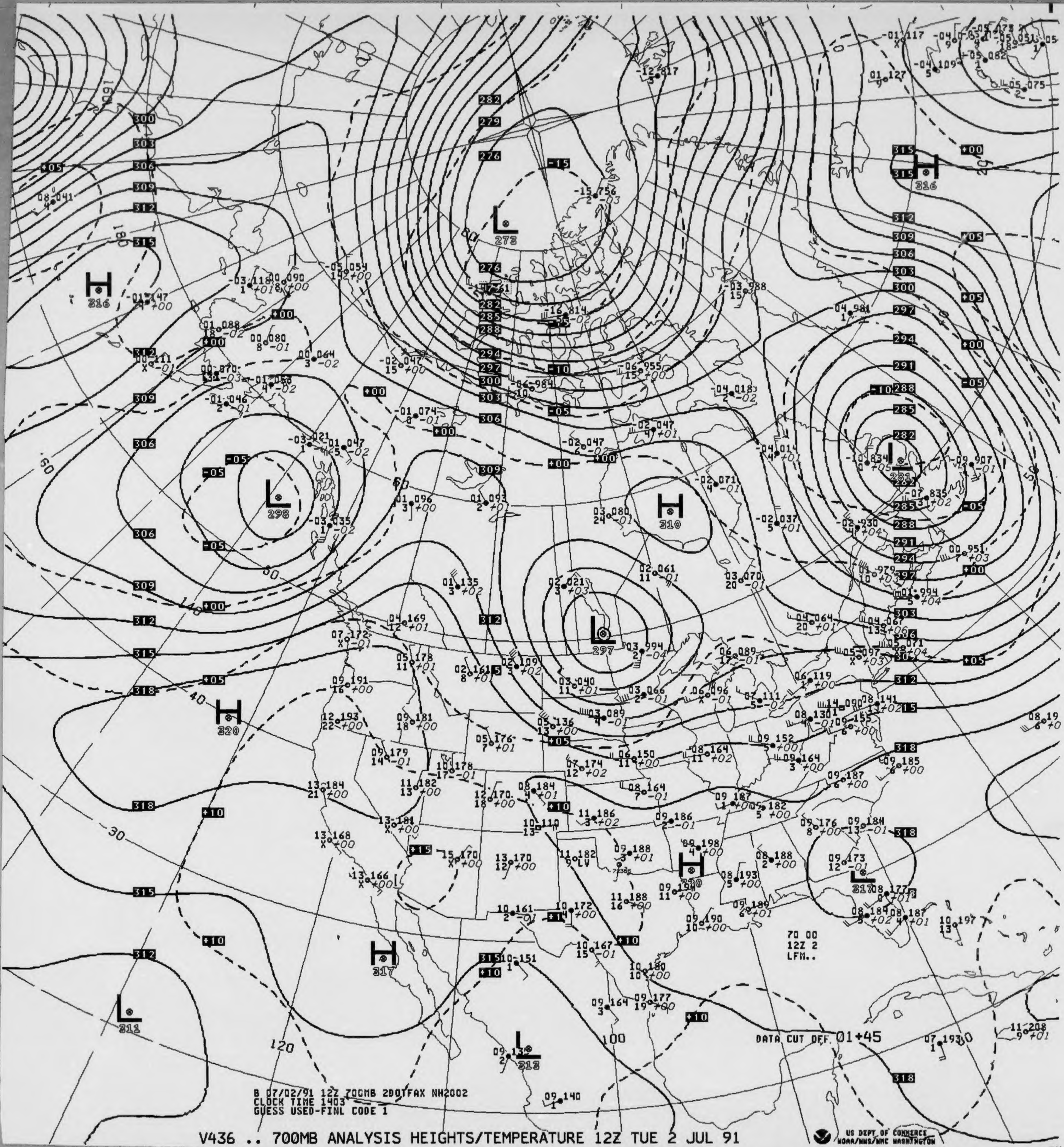
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


70 00
00Z 2
LFM..
DATA CUT OFF 01+36
H 317
L 297
H 311
L 297
H 320
L 274
H 315
L 312
H 317
H 320
L 317
H 319

B 07/02/91 00Z 700MB 20OTFAX NH2002
CLOCK TIME 153
GUESS USED-FINL CODE 1

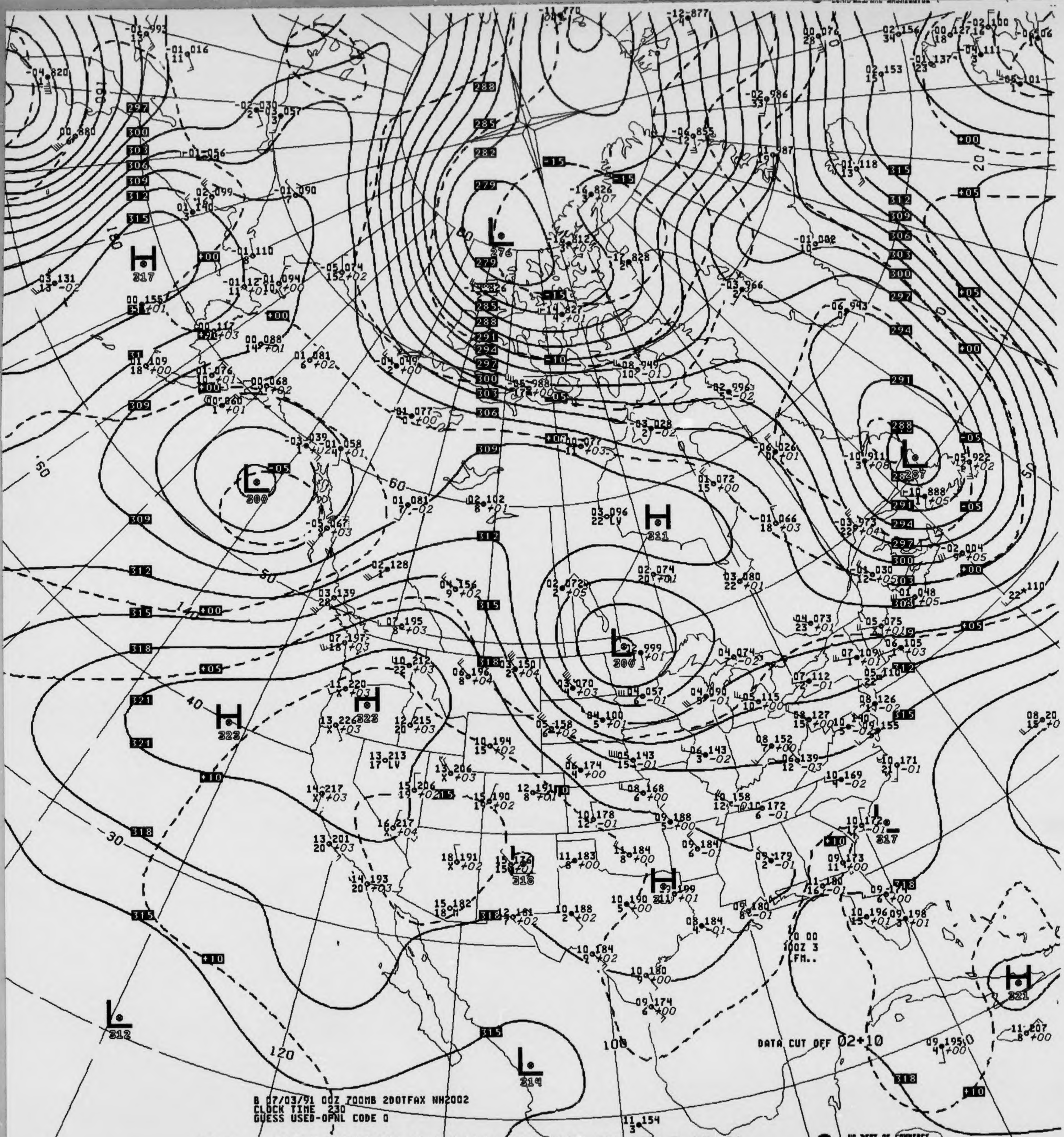
V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 2 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/02/91 12Z 700MB 2001FAX NH2002
CLOCK TIME 1403
GUESS USED-FINL CODE 1
DATA CUT OFF 01+45
70 00
12Z 2
LFM..
H 316
L 273
H 316
L 298
H 310
L 281
L 297
H 320
H 320
L 317
H 317
L 311
L 313

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 2 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

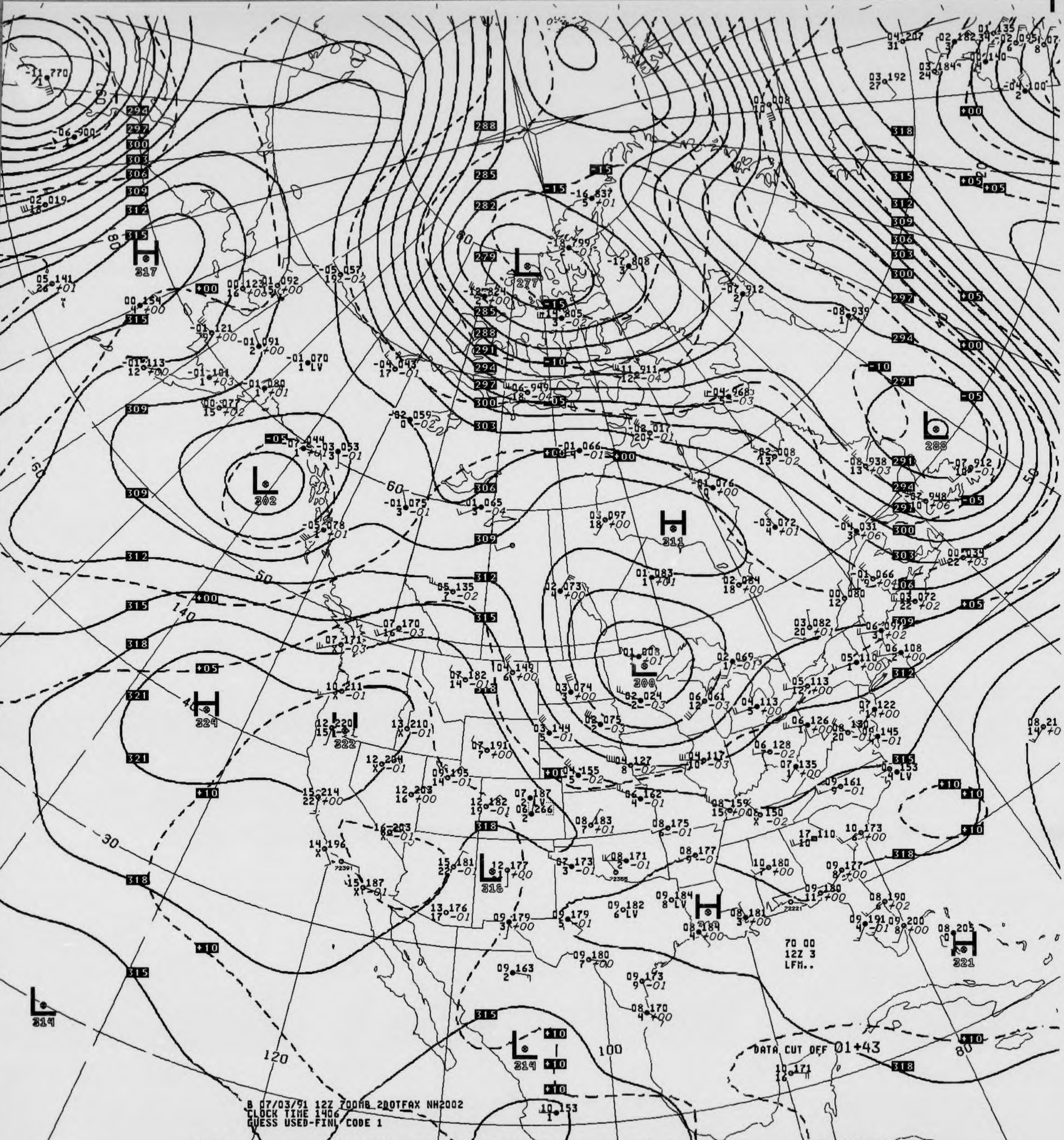


H 317
L 276
L 300
H 311
L 287
L 300
H 322
H 322
L 318
H 311
H 321
L 312
L 314
DATA CUT OFF 02+10

B 07/03/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 230
GUESS USED-OPNL CODE 0

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 3 JUL 91

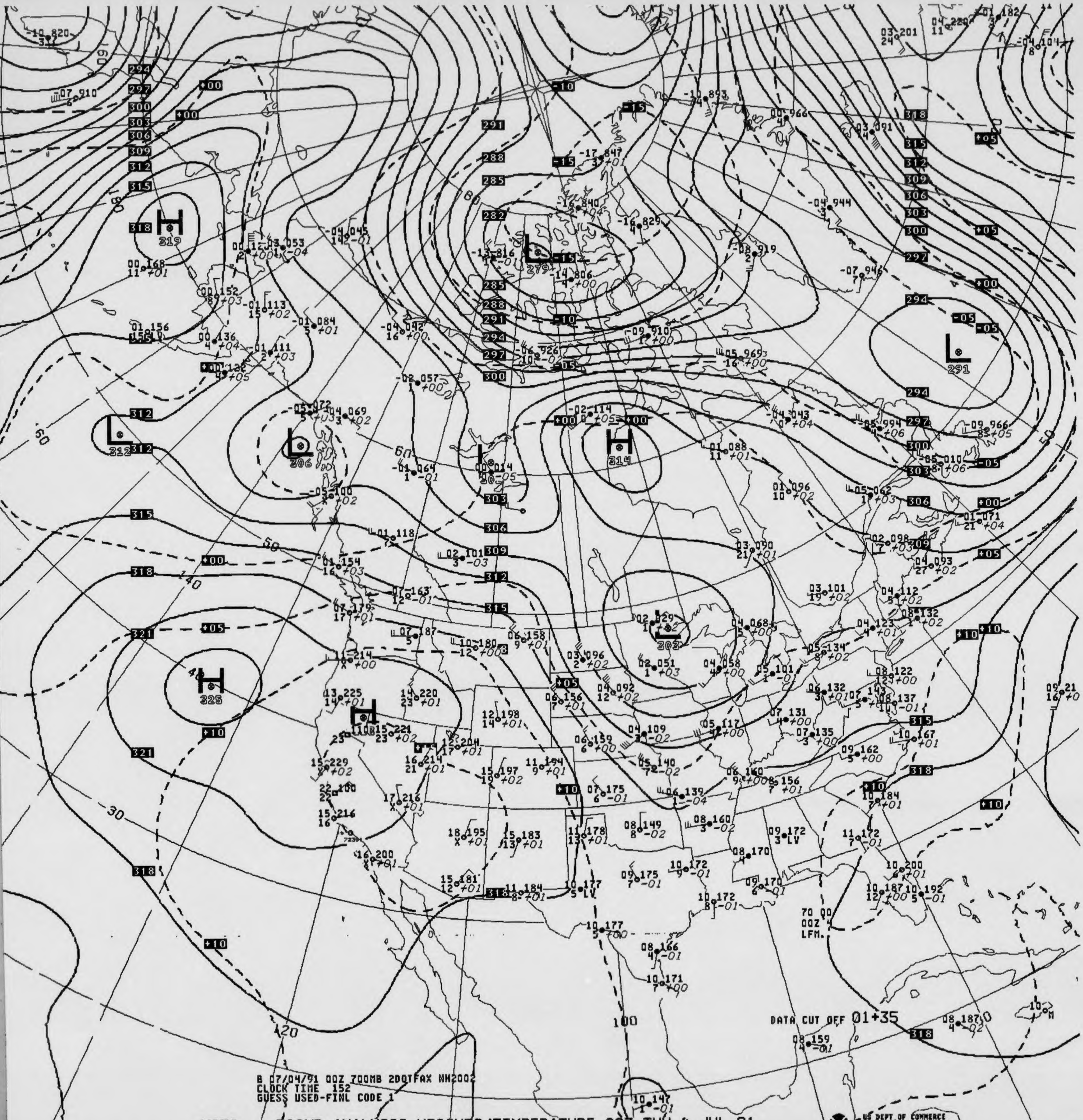
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/03/91 12Z 700MB 200TFAX NH2002
CLOCK TIME 1406
GUESS USED-FINL CODE 1
DATA CUT OFF 01+43
70 00
12Z 3
LFM..
H 317
L 302
L 277
L 288
H 311
L 300
H 324
L 322
L 316
H 321
L 319
L 319

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 3 JUL 91

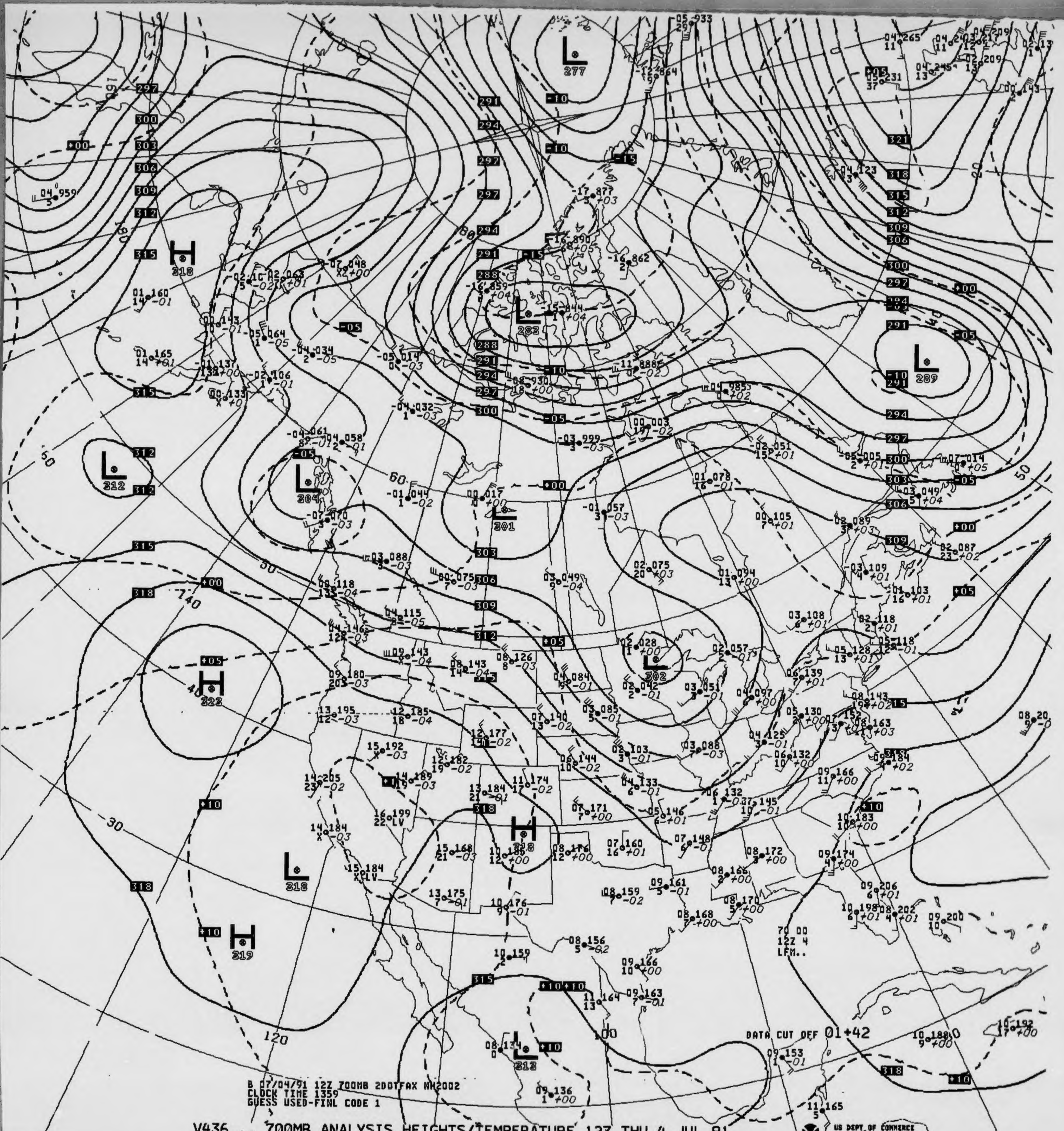
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
319
L
279
L
291
L
312
L
306
H
314
L
303
H
325
H
DATA CUT OFF 01+35
70 00
00Z 4
LFM.

B 07/04/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 152
GUESS USED-FINL CODE 1

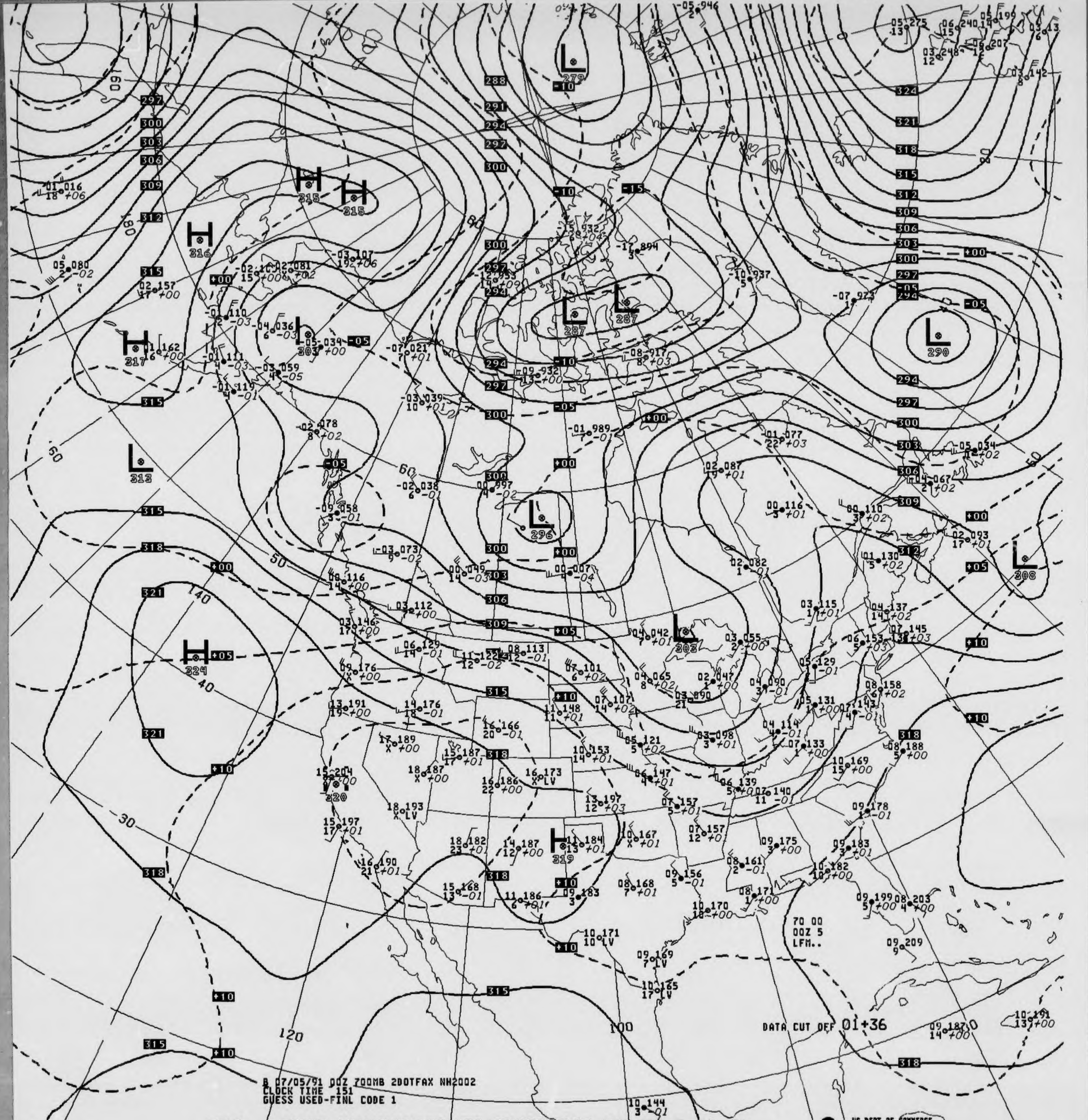
V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 4 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/04/91 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1
DATA CUT OFF 01+42
70 00
12Z 4
LFM..
L 277
L 283
L 289
L 312
L 304
L 301
L 302
L 318
L 313
H 318
H 323
H 328
H 319
297
300
303
306
309
312
315
318
321
291
294
288
-15
-10
-05
+00
+05
+10
160
180
140
120
100
60
50
40
30
20

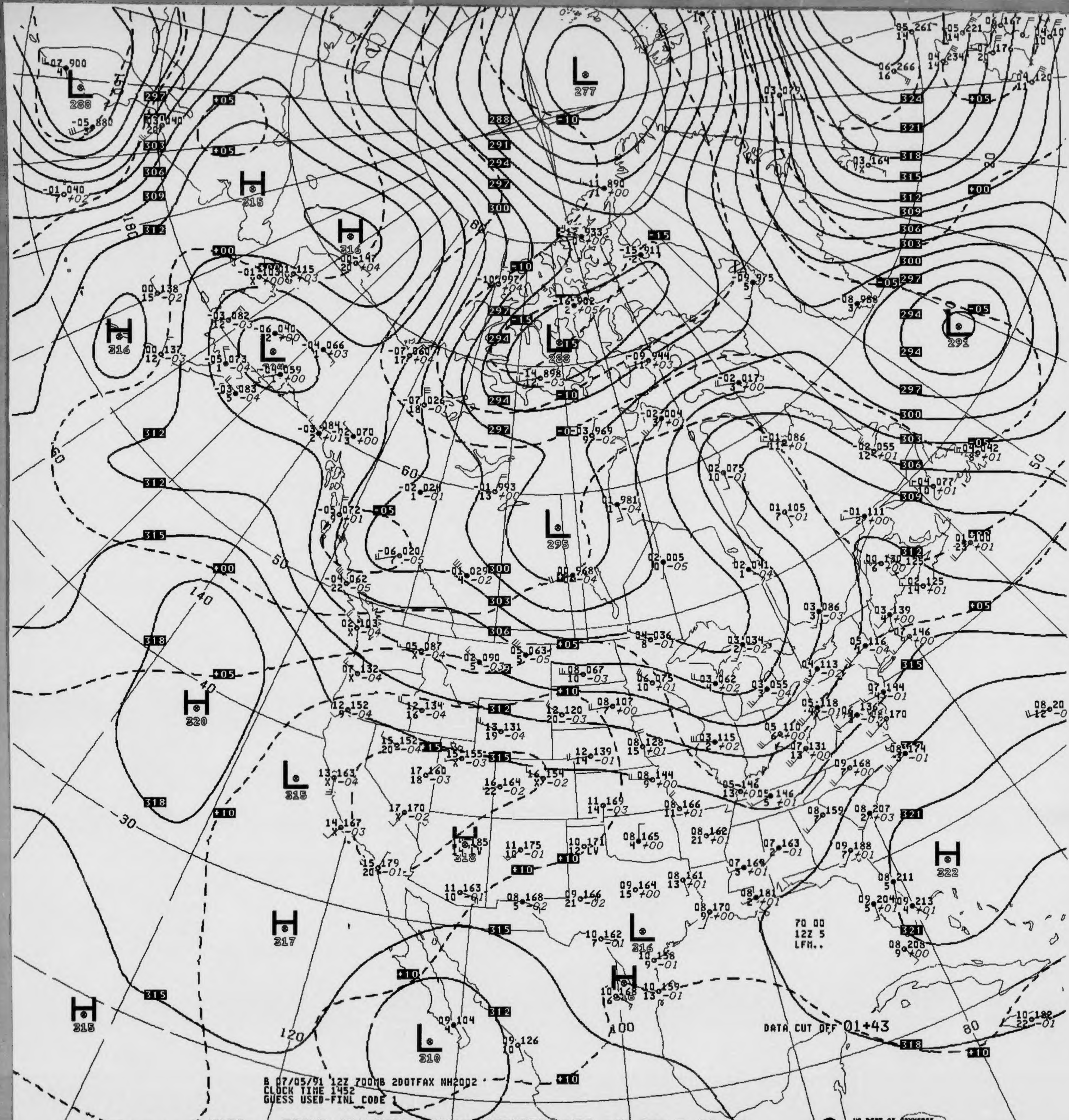
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 4 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/05/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 151
GUESS USED-FINL CODE 1
DATA CUT OFF 01+36
70 00
00Z 5
LFM..
H 315
H 315
H 316
H 317
H 324
H 319
L 279
L 287
L 287
L 290
L 296
L 302
L 308
L 313

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 5 JUL 91

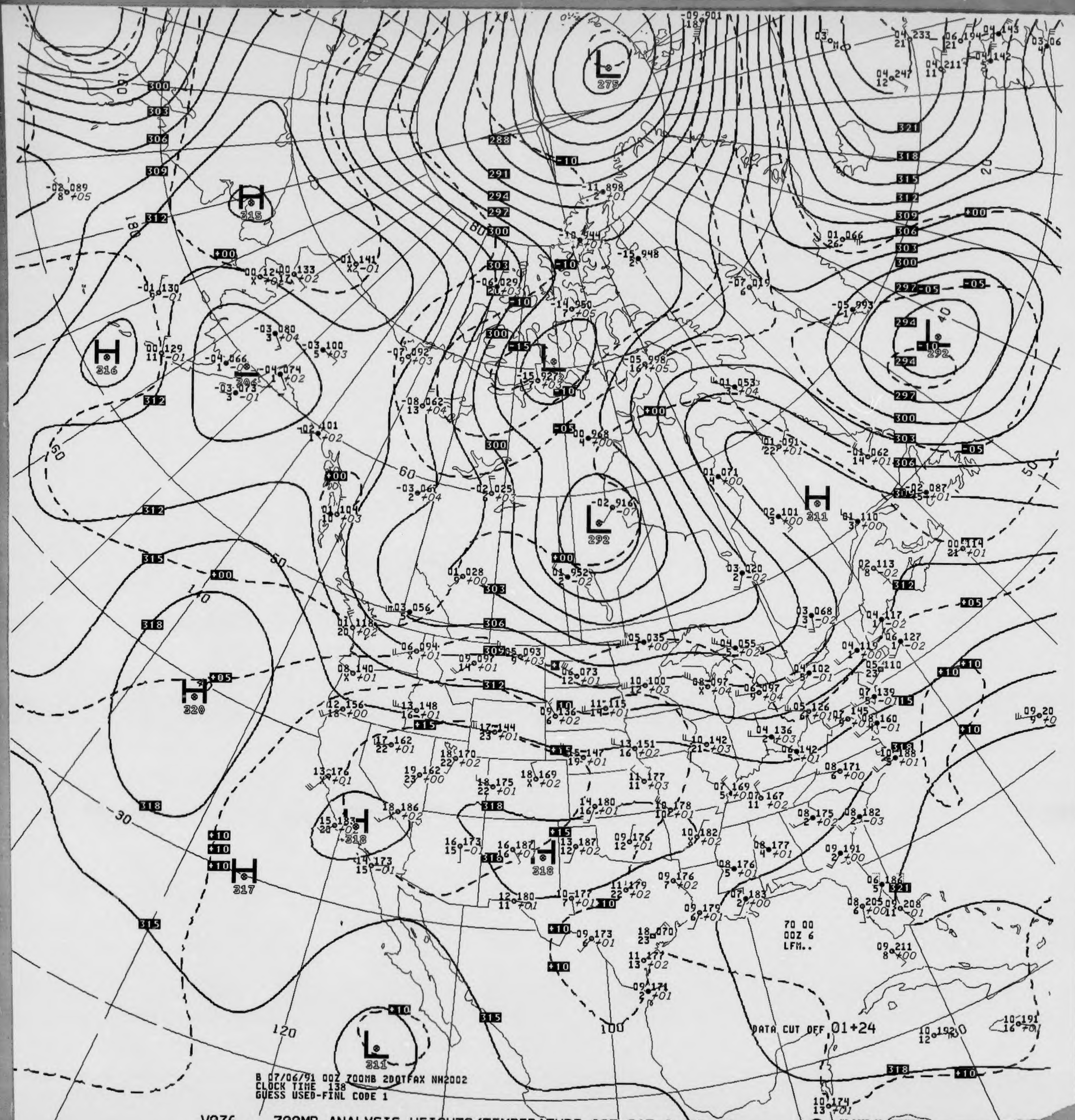
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 288
L 277
H 315
H 316
H 316
L
L 288
L 291
L 295
H 320
L 315
L 318
H 317
L 316
H 316
H 322
H 315
L 310
DATA CUT OFF 01+43
70 00
12Z 5
LFM..

B 07/05/91 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1452
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 5 JUL 91

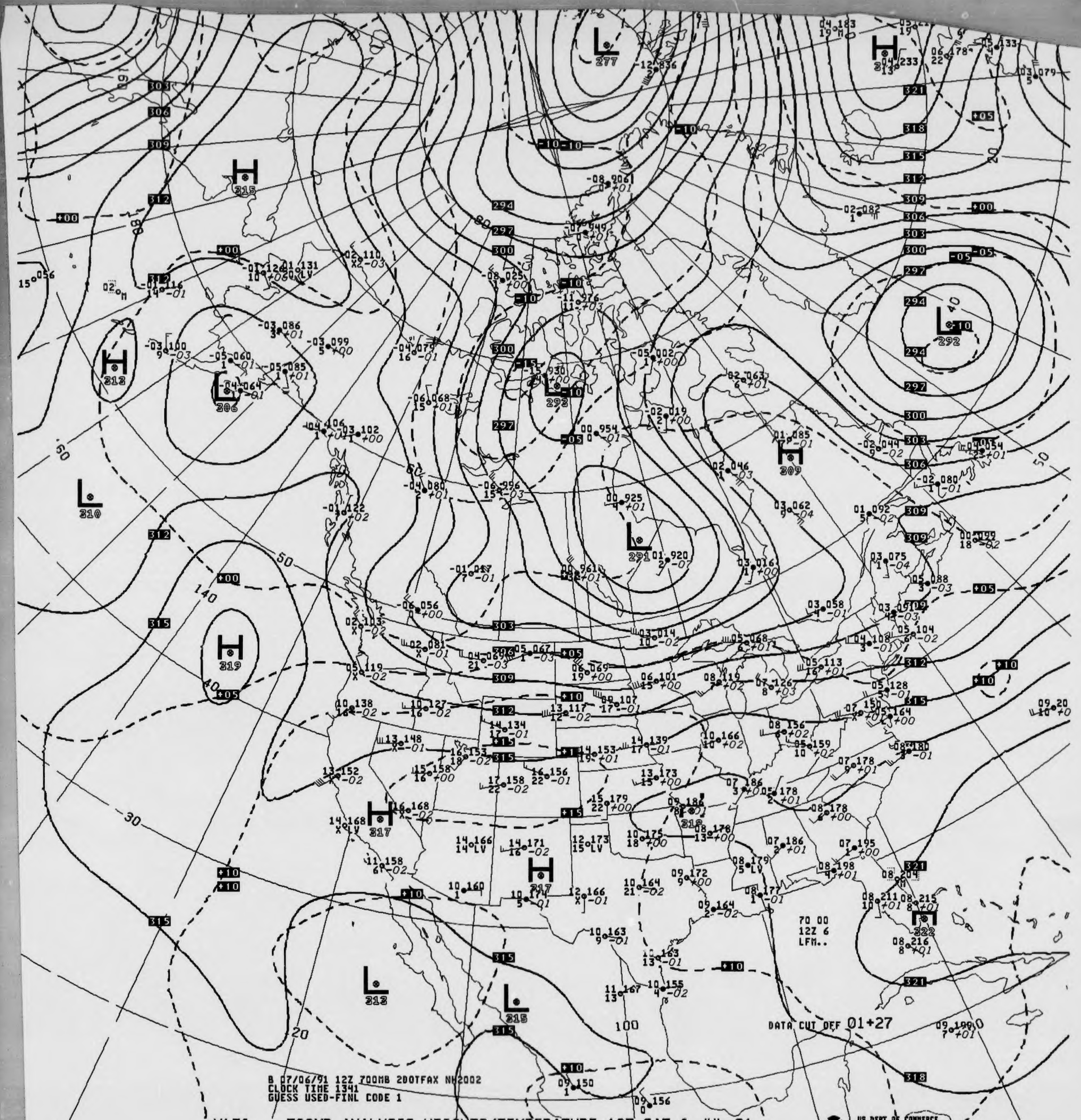
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 315
H 316
H 320
H 318
H 317
H 318
L 275
L 292
L 292
L 311
H 311
L 272
DATA CUT OFF 01+24
70 00
00Z 6
LFM..

B 07/06/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 138
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 6 JUL 91

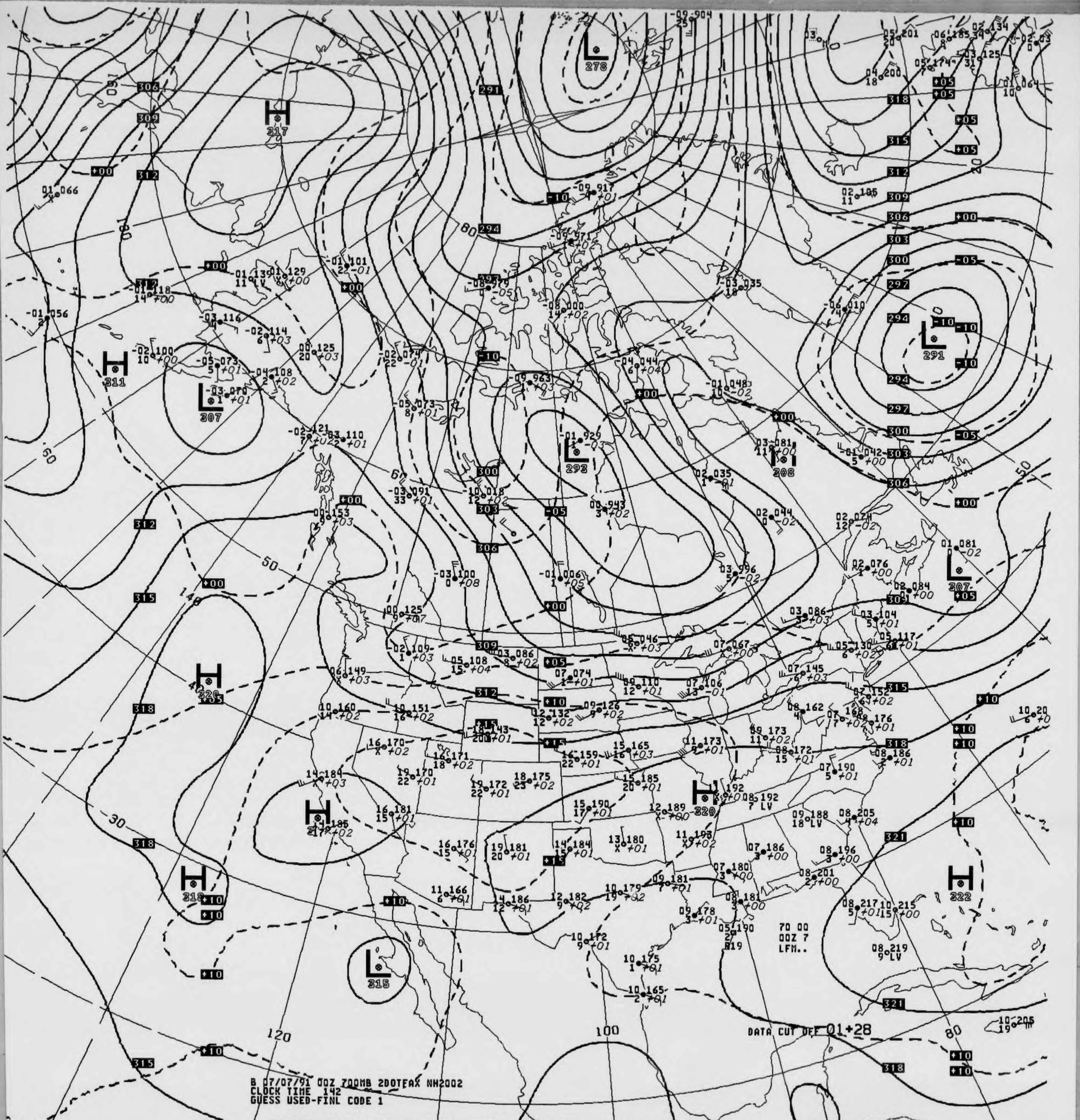
US DEPT OF COMMERCE


70 00
12Z 6
LFM..
DATA CUT OFF 01+27

B 07/06/91 12Z 700MB 200TFAX NH2002
CLOCK TIME 1341
GUESS USED-FINL CODE 1

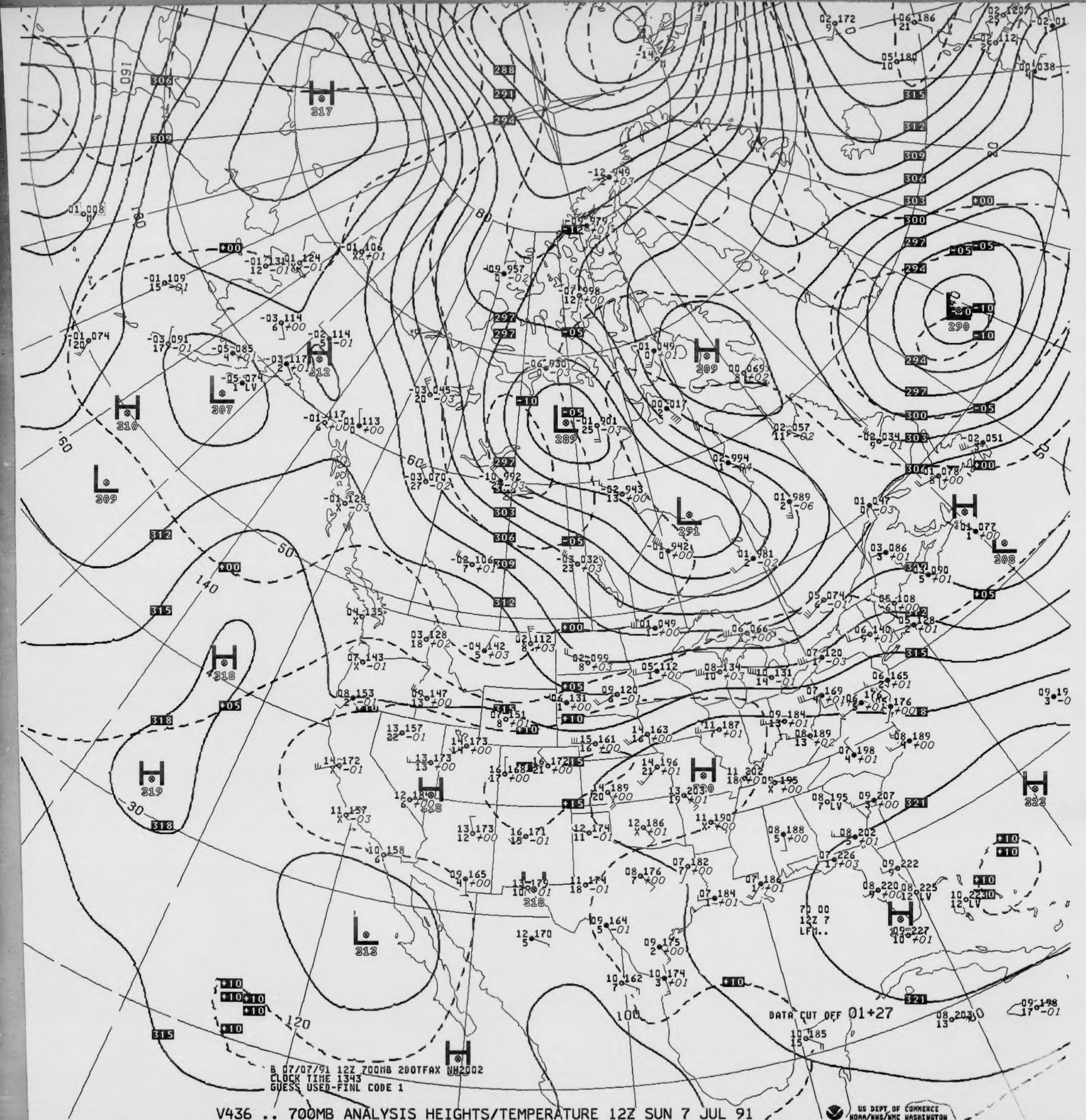
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 6 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+28
70 00
00Z 7
LFM..
B 07/07/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

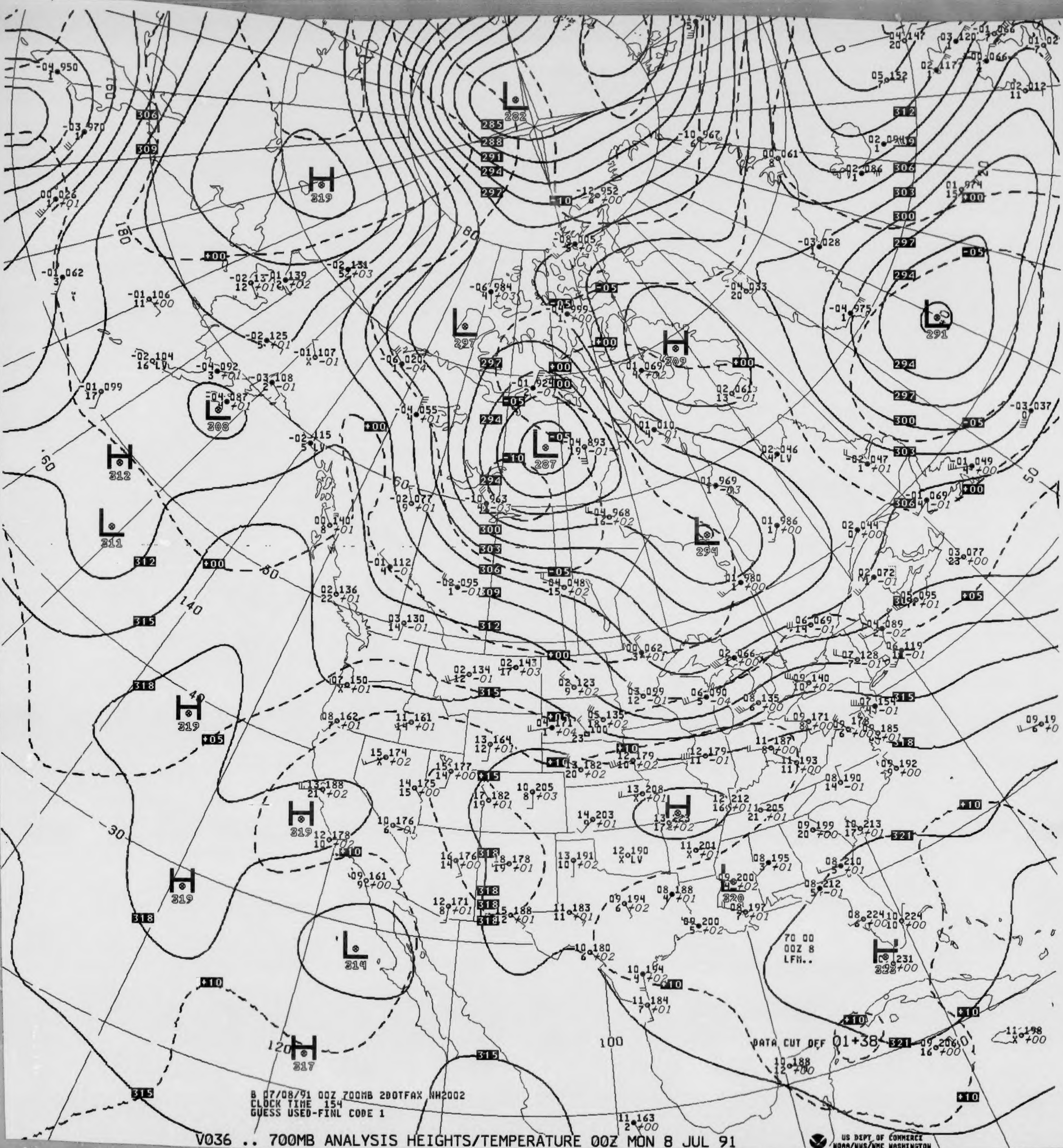
V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 7 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/07/91 12Z 700MB 200TFAX NH2002
CLOCK TIME 1343
GUESS USED-FINL CODE 1
DATA CUT OFF 01+27
70 00
12Z 7
LFM..

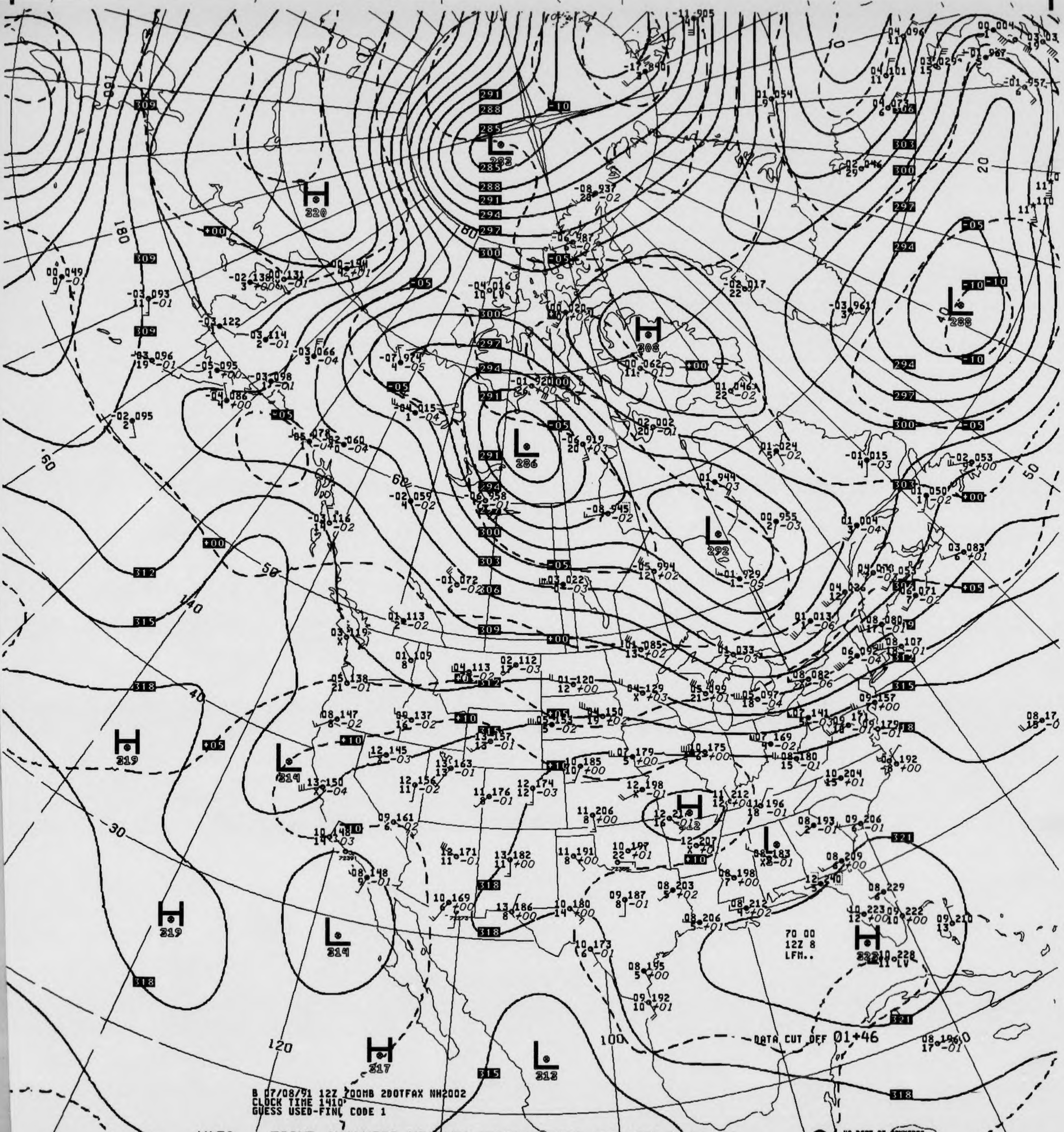
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 7 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/08/91 00Z 700MB 2D0TFAX NH2002
CLOCK TIME 154
GUESS USED-FINL CODE 1
DATA CUT OFF 01+38
70 00
00Z 8
LFM..
H 319
L 282
L 297
L 287
H 309
L 291
L 294
L 308
H 312
L 311
H 319
H 319
H 319
L 314
H 317
H 323
H 320
H 323
100
120
140
160
180
30
40
50
60
80

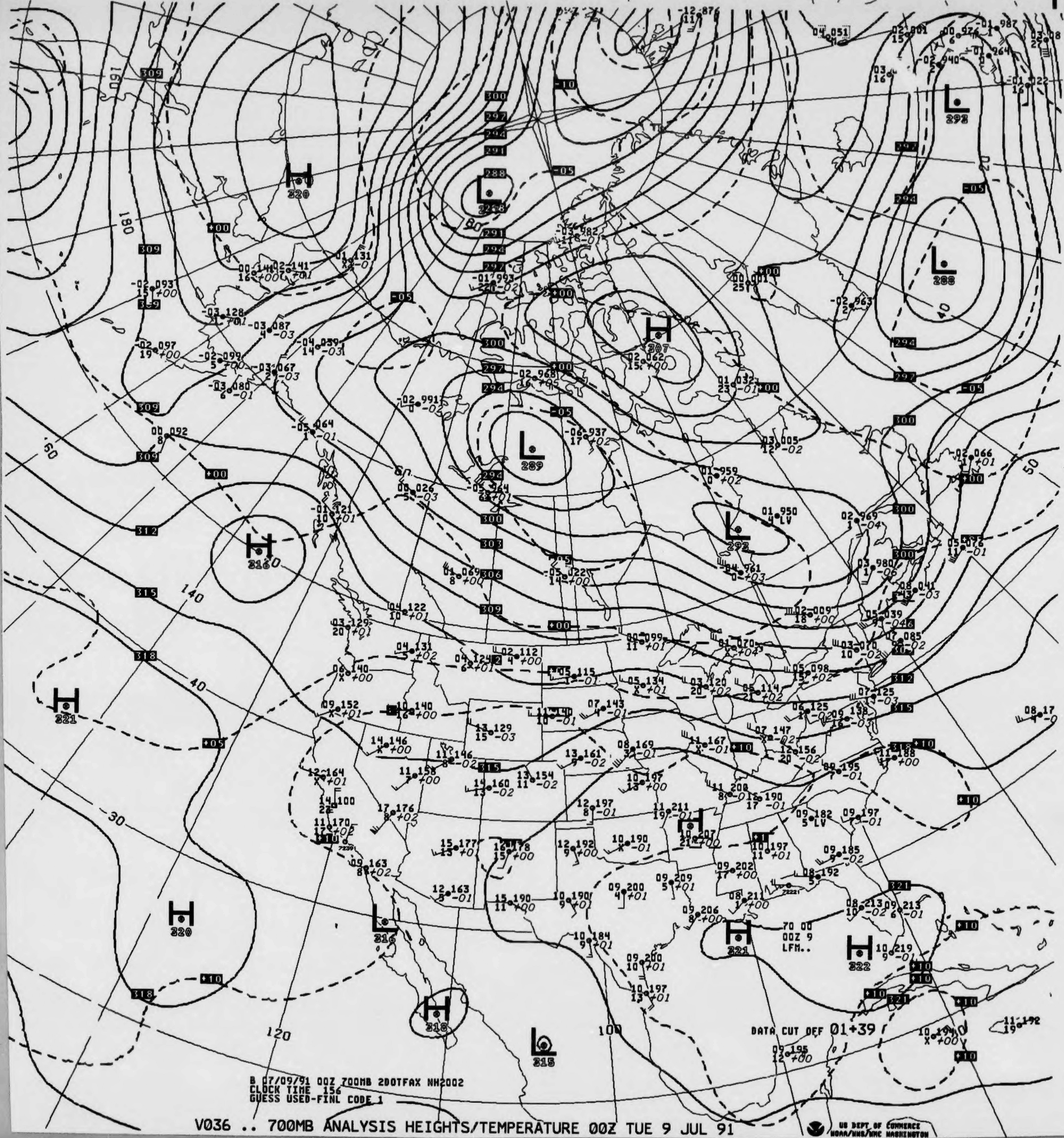
V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 8 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 320
L 283
H 308
L 288
L 286
L 292
H 319
L 314
H 212
L
H 319
L 314
H 322
H 317
L 312
DATA CUT OFF 01+46
70 00
12Z 8
LFM..
B 07/08/91 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1410
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 8 JUL 91

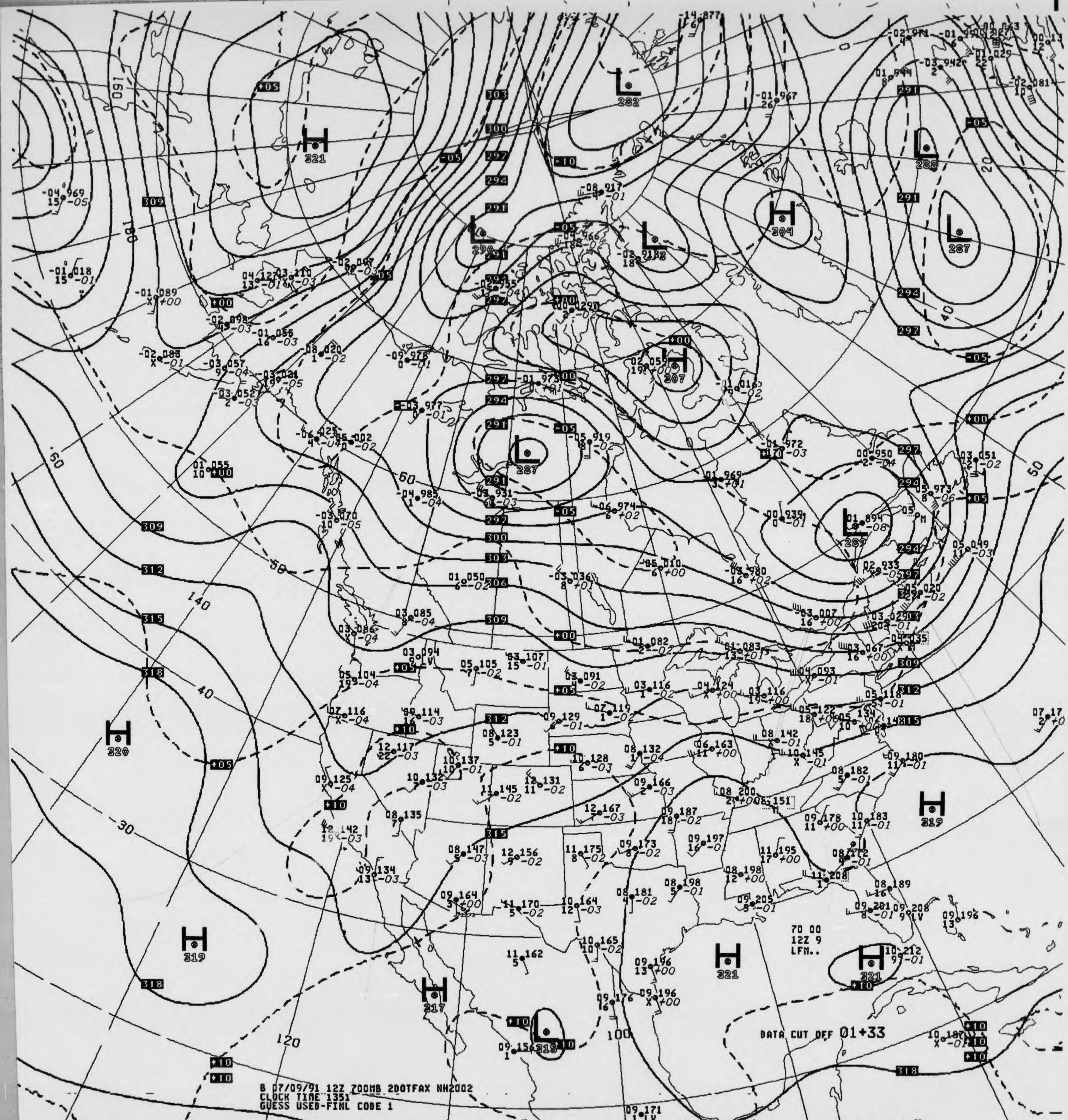
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 320
L 288
H 307
L 289
L 292
L 292
L 288
H 316
H 321
H 320
L 316
H 318
L 315
H 321
H 322
DATA CUT OFF 01+39
70 00
00Z 9
LFM..
180
160
140
120
100
60
50
40
30

B 07/09/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 156
GUESS USED-FINL CODE 1

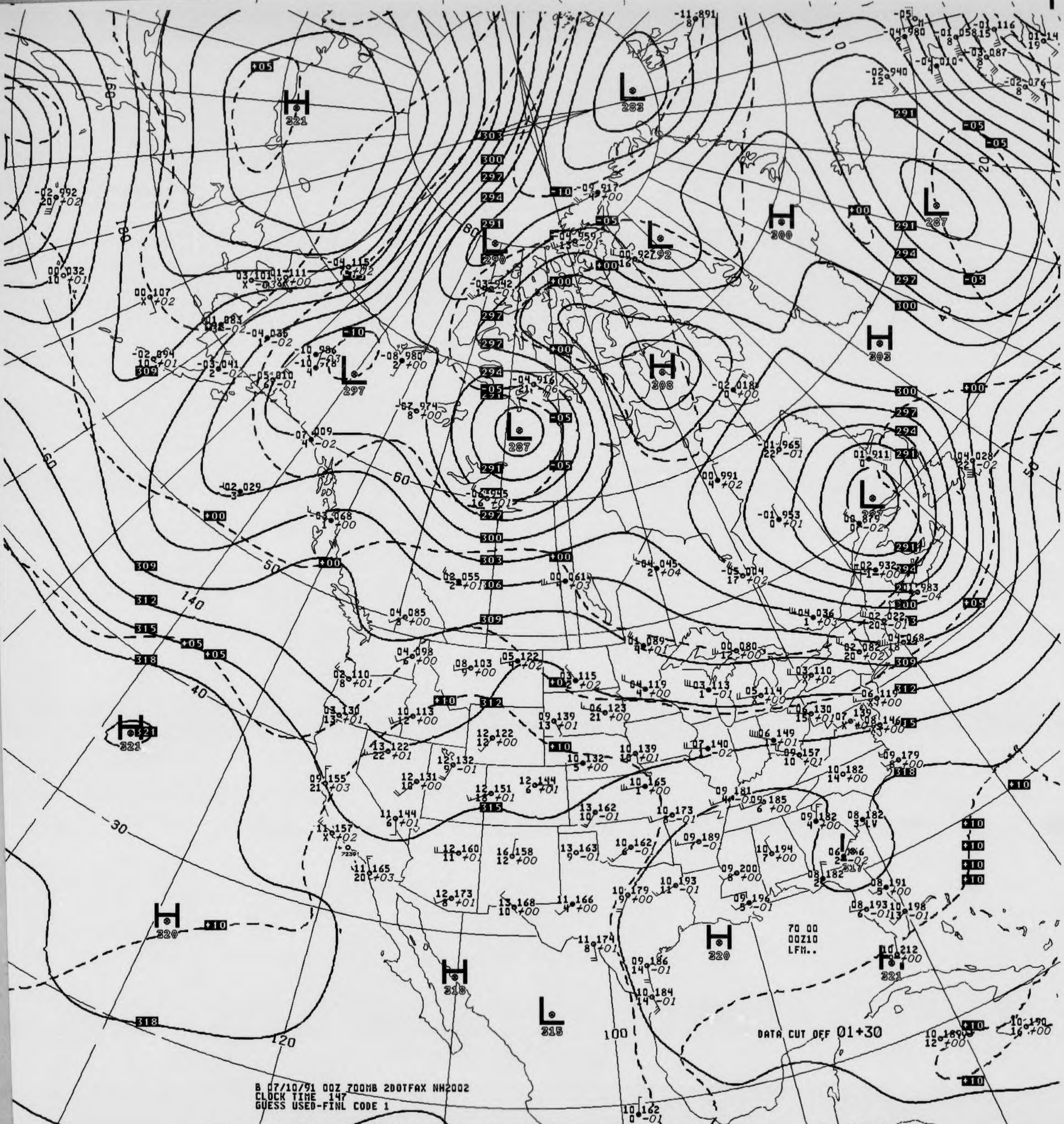
V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 9 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/09/91 12Z 700MB 200TFAX NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1
DATA CUT OFF 01+33
70 00
12Z 9
LFM..
H 321
L 282
H 304
L 288
L 287
L 290
L 292
H 307
L 287
L 289
H 320
H 319
H 317
L 315
H 321
H 321
H 319

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 9 JUL 91

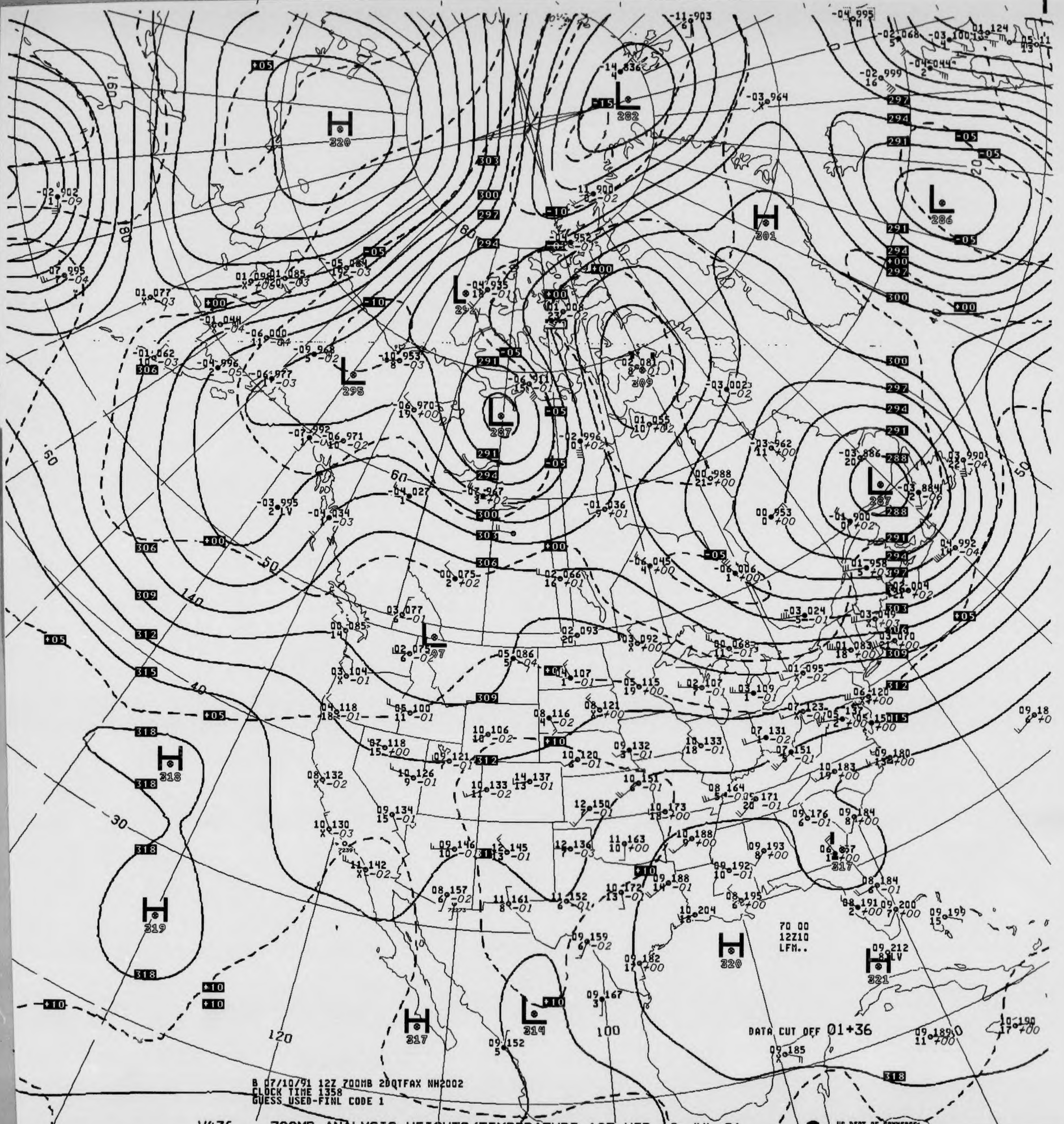
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+30
70 00
00Z10
LFM..

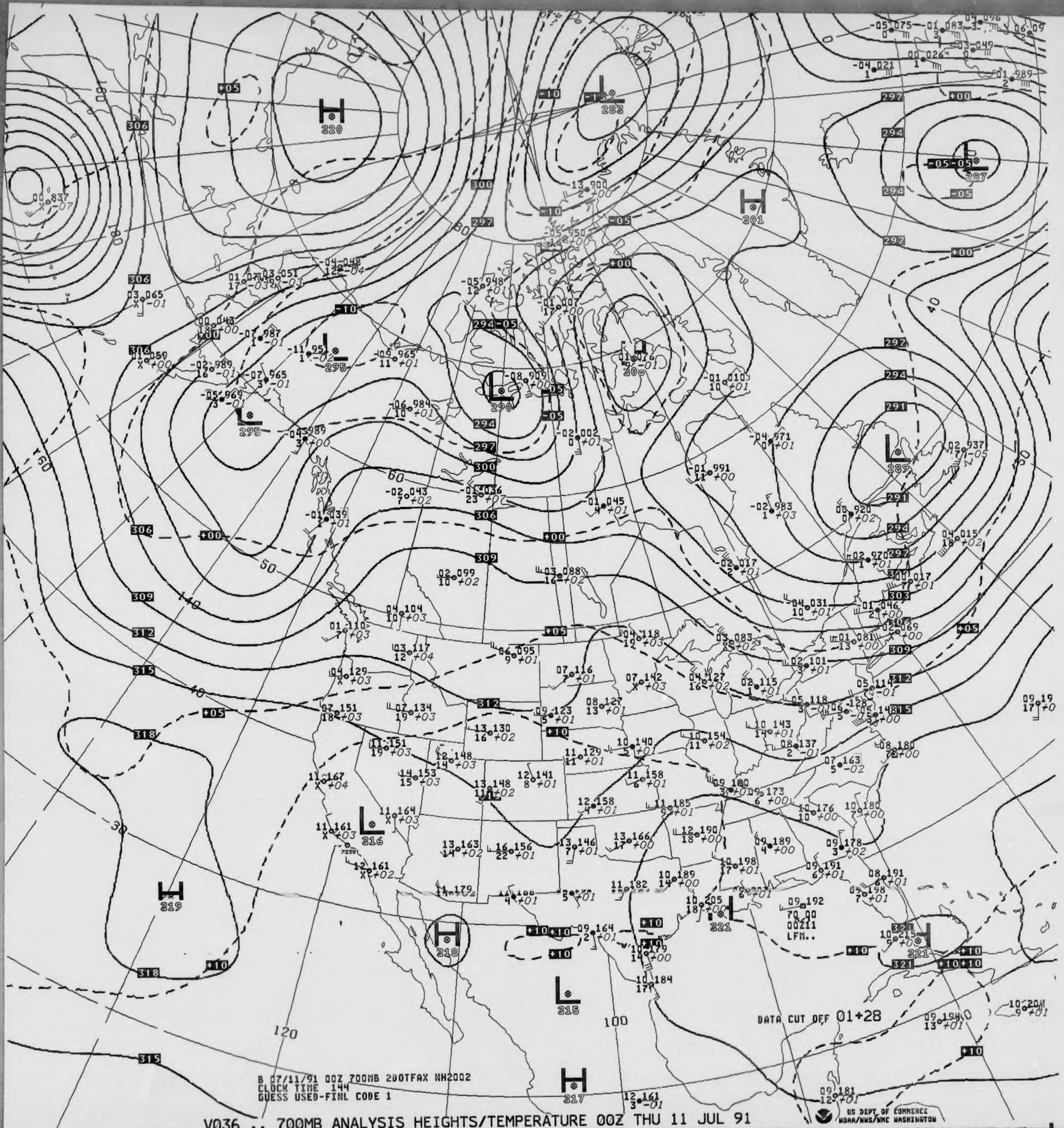
B 07/10/91 00Z 700MB 200TFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 10 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

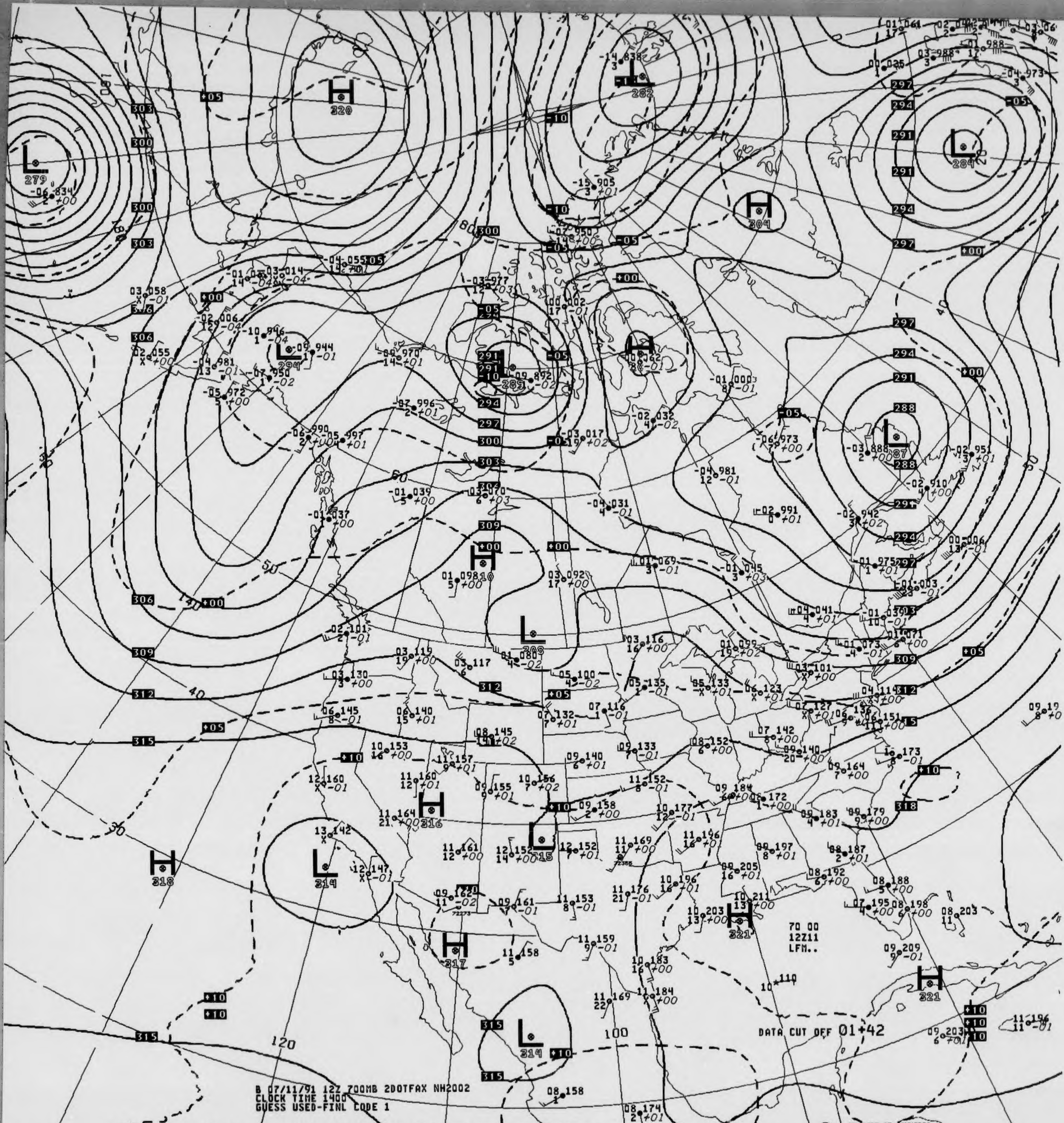

H 320
L 282
H 301
L 286
L 292
L 295
L 287
L 309
L 287
L 297
H 318
H 319
L 317
H 320
H 321
H 317
L 314
70 00
12Z10
LFM..
DATA CUT OFF 01+36
B 07/10/91 12Z 700MB 20QTFAX NH2002
CLOCK TIME 1358
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE-NOAA/NWS/NMC WASHINGTON

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 10 JUL 91



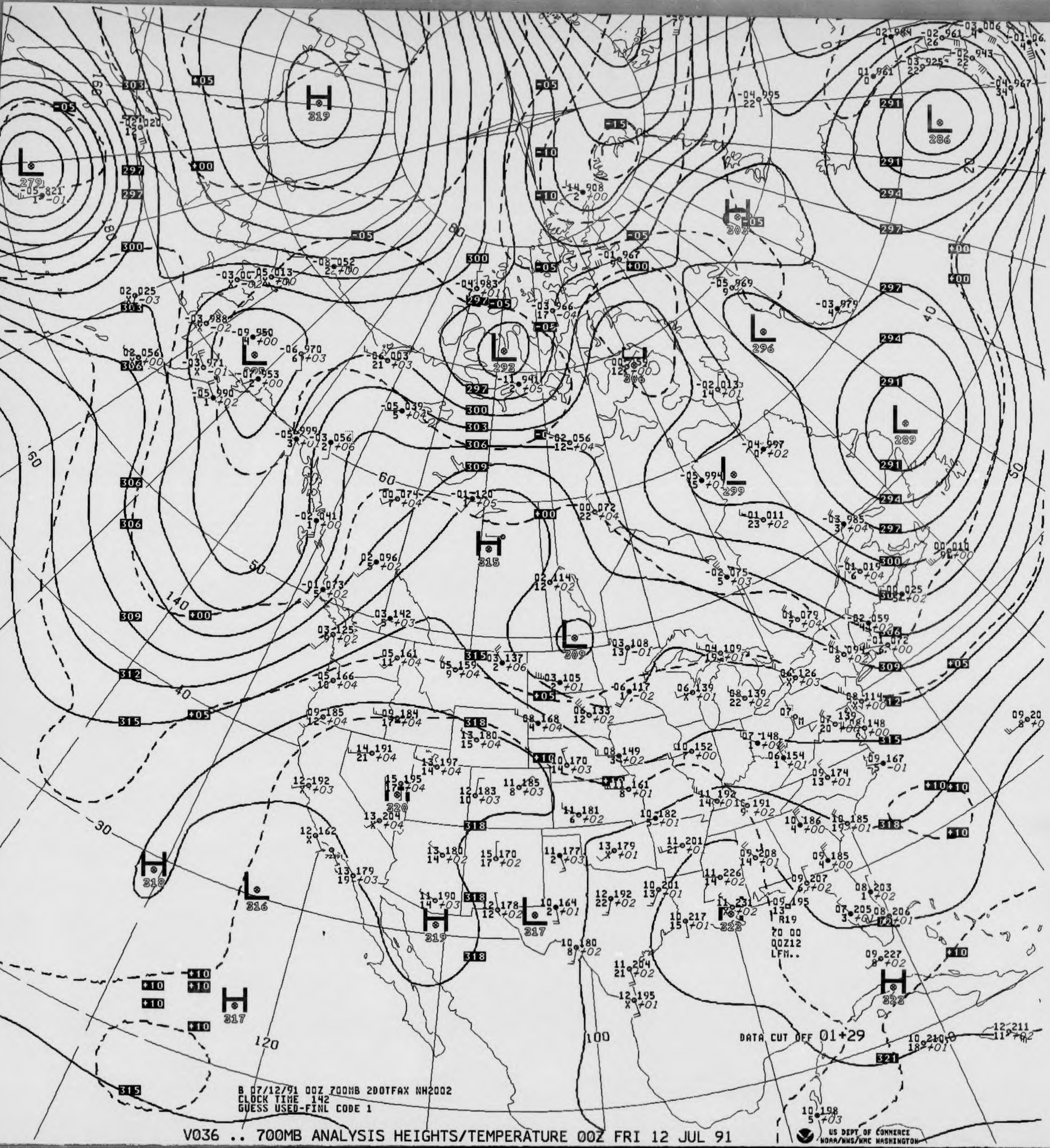
DATA CUT OFF 01+28
B 07/11/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 144
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H 320
L 283
H 301
L 287
L 295
L 295
L 290
L 303
L 289
L 316
H 319
H 318
L 321
L 321
L 315
H 317
70 00
00Z11
LFM..

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 11 JUL 91


H
320
L
279
L
282
H
304
L
284
L
294
L
289
H
L
287
H
L
308
H
316
L
315
L
314
H
318
H
317
H
321
H
321
L
314
70 00
12Z11
LFM..
DATA CUT OFF 01+42
120
100
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 07/11/91 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1400
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 11 JUL 91

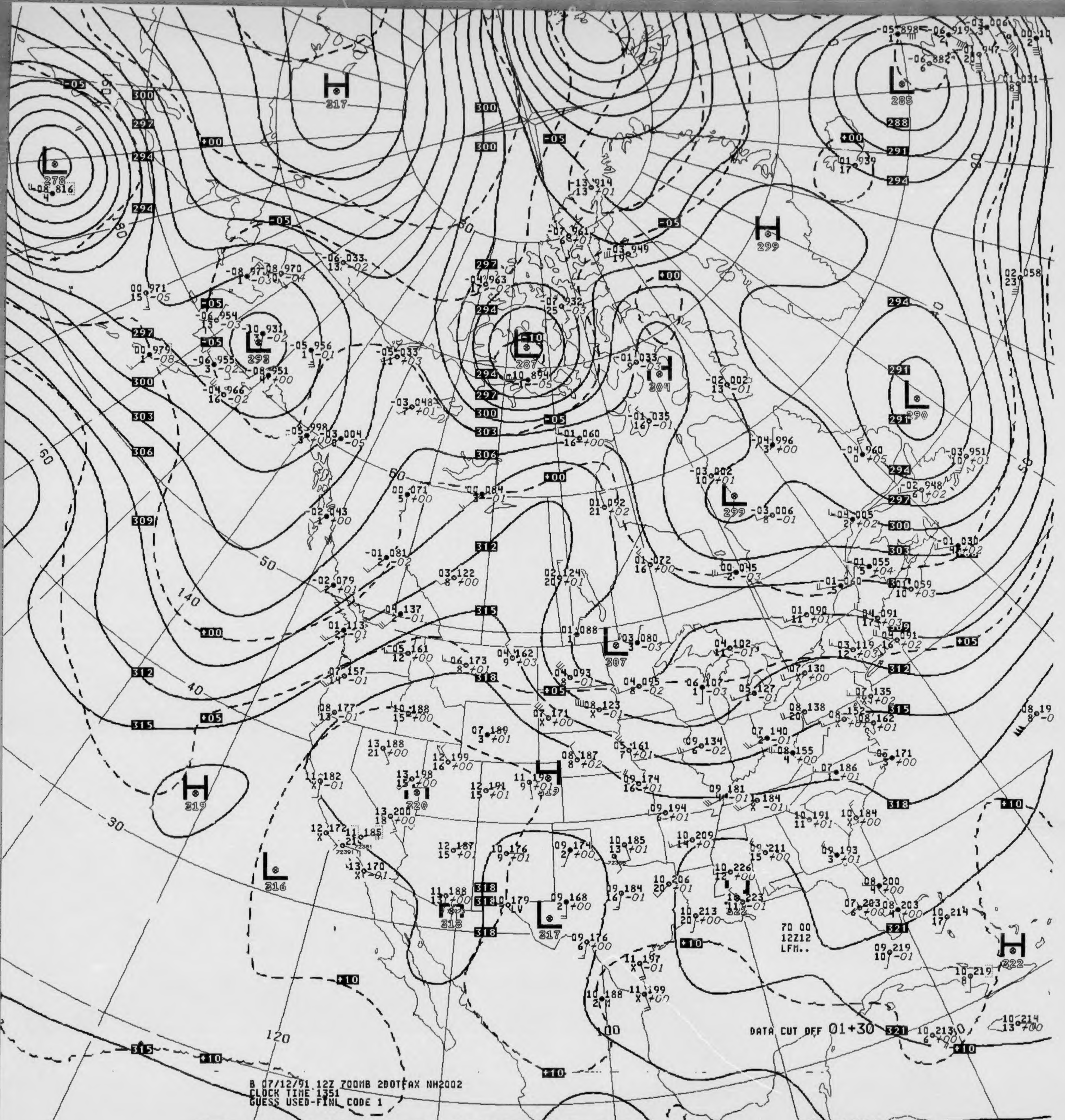

H 319
L 279
L 293
L 286
L 296
L 289
L 299
L 309
L 316
L 317
H 303
H 315
H 318
H 319
H 320
H 317
H 323
H 328
303
297
300
306
309
312
315
318
291
294
321
+05
+00
-05
-10
-15
+10
60
50
40
30
80
140
160
180
120
100
R19
70 00
00Z12
LFM..

DATA CUT OFF 01+29

B 07/12/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 12 JUL 91

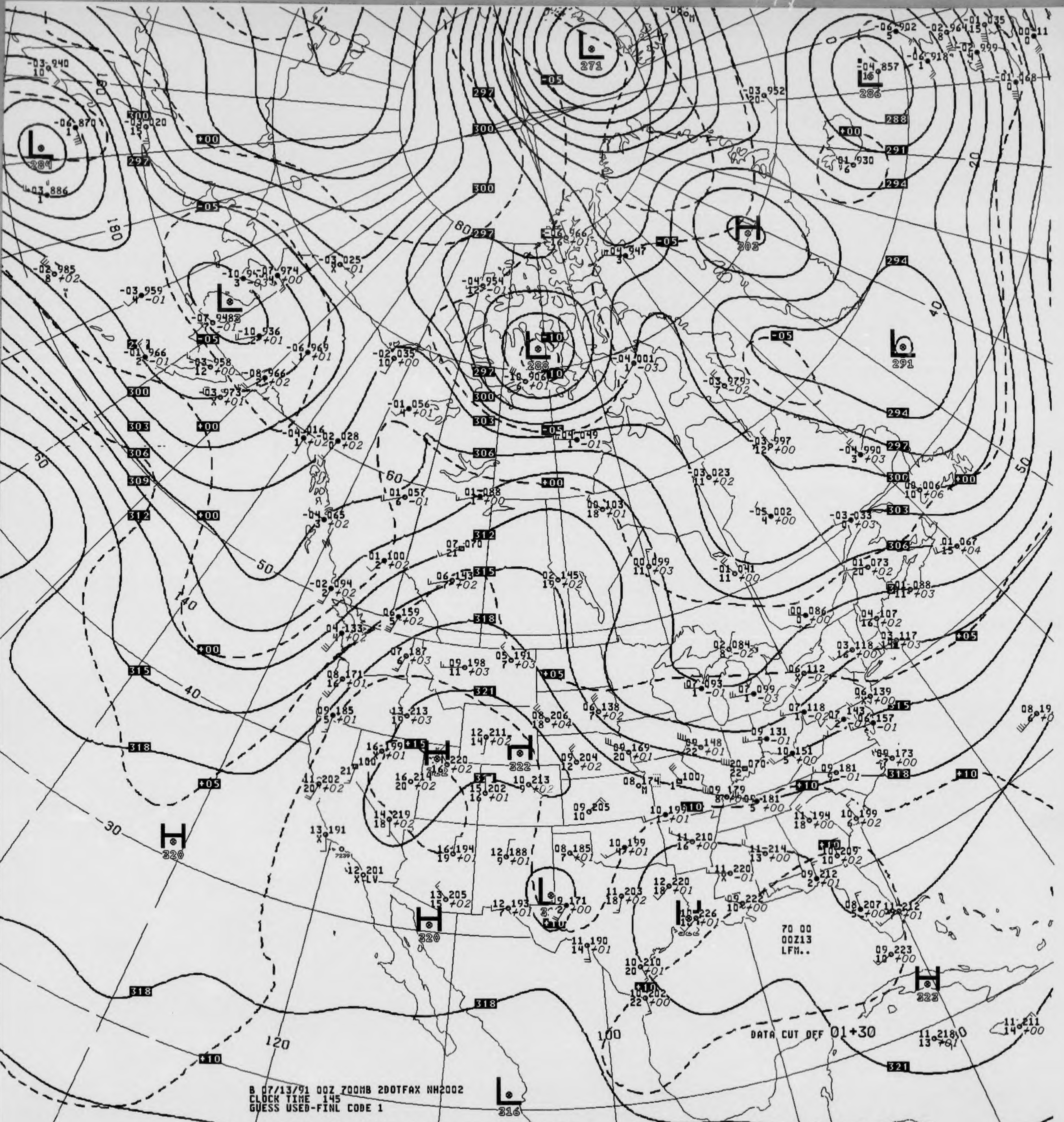
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 317
L 278
L 293
L 287
L 285
H 299
H 304
L 290
L 299
L 307
H 319
H 320
H 317
L 316
L 318
L 317
H 322
DATA CUT OFF 01+30
70 00
12Z12
LFM..

B 07/12/91 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1

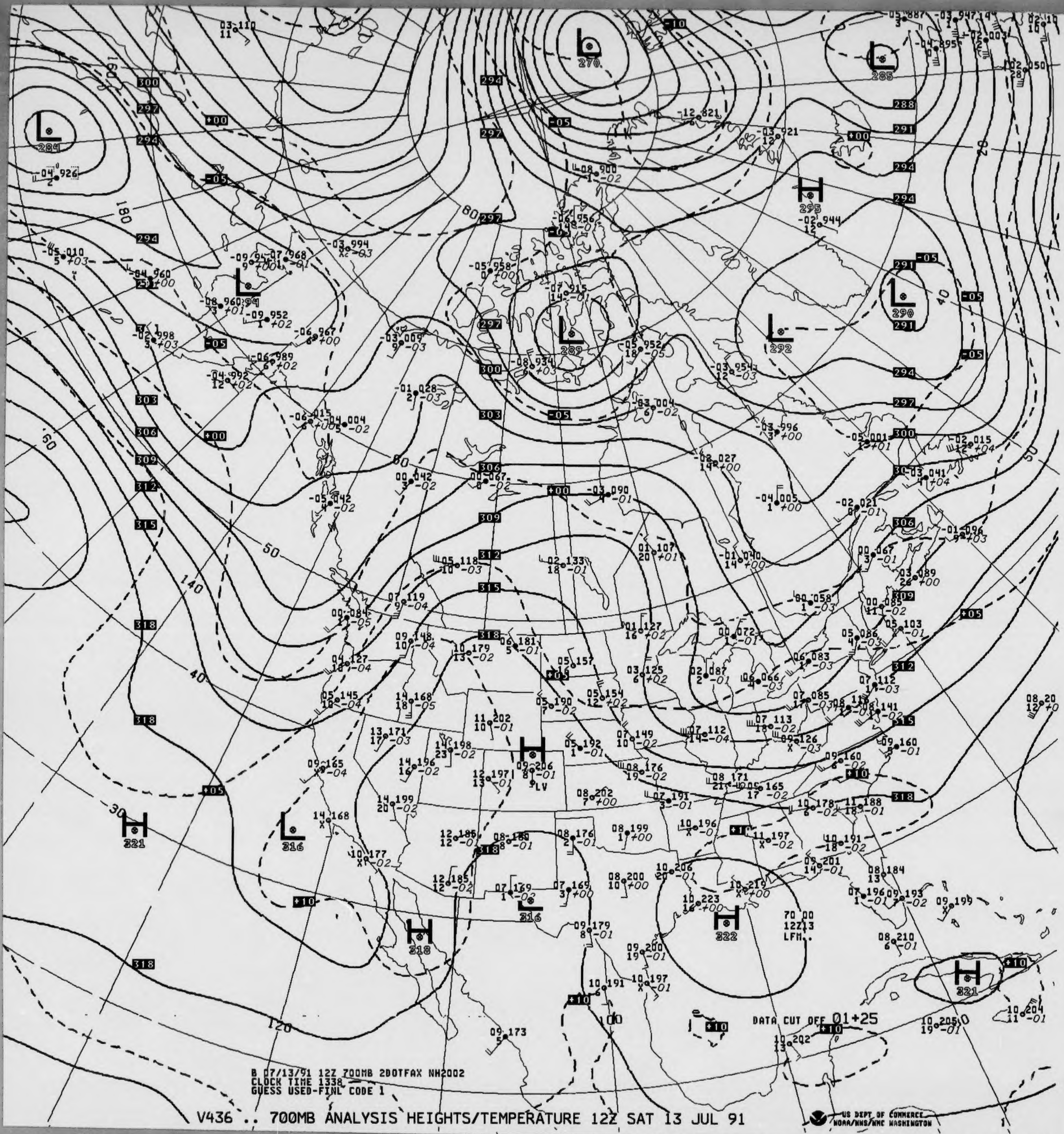
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 12 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/13/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 145
GUESS USED-FINL CODE 1
DATA CUT OFF 01+30
70 00
00Z13
LFM..
L 271
L 286
L 289
L 288
L 291
L 316
H 303
H 320
H 322
H 323

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 13 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



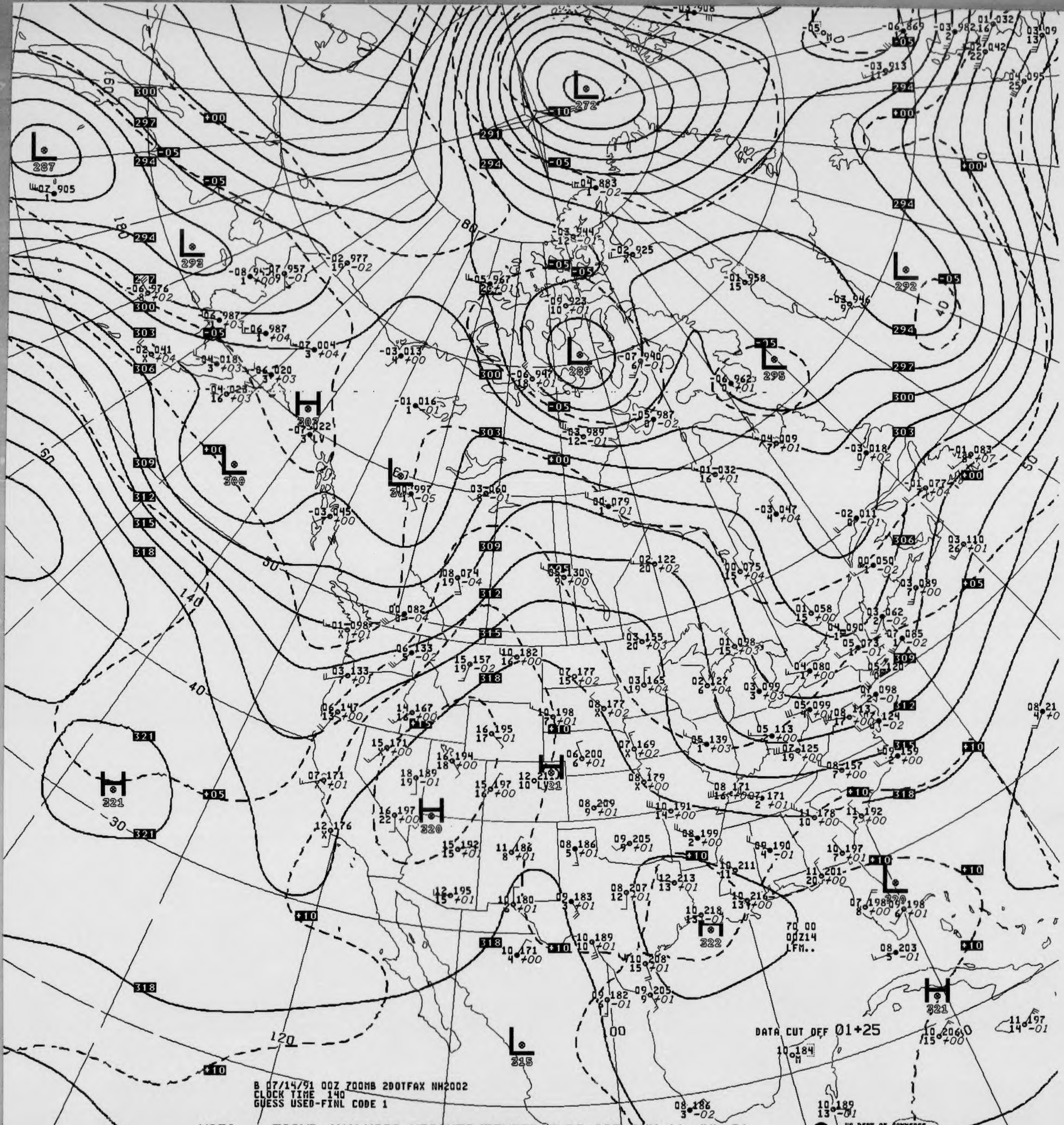
B 07/13/91 12Z 700MB 2D0TFAX NH2002
CLOCK TIME 1338
GUESS USED-FINL CODE 1

70 00
12Z13
LFM..

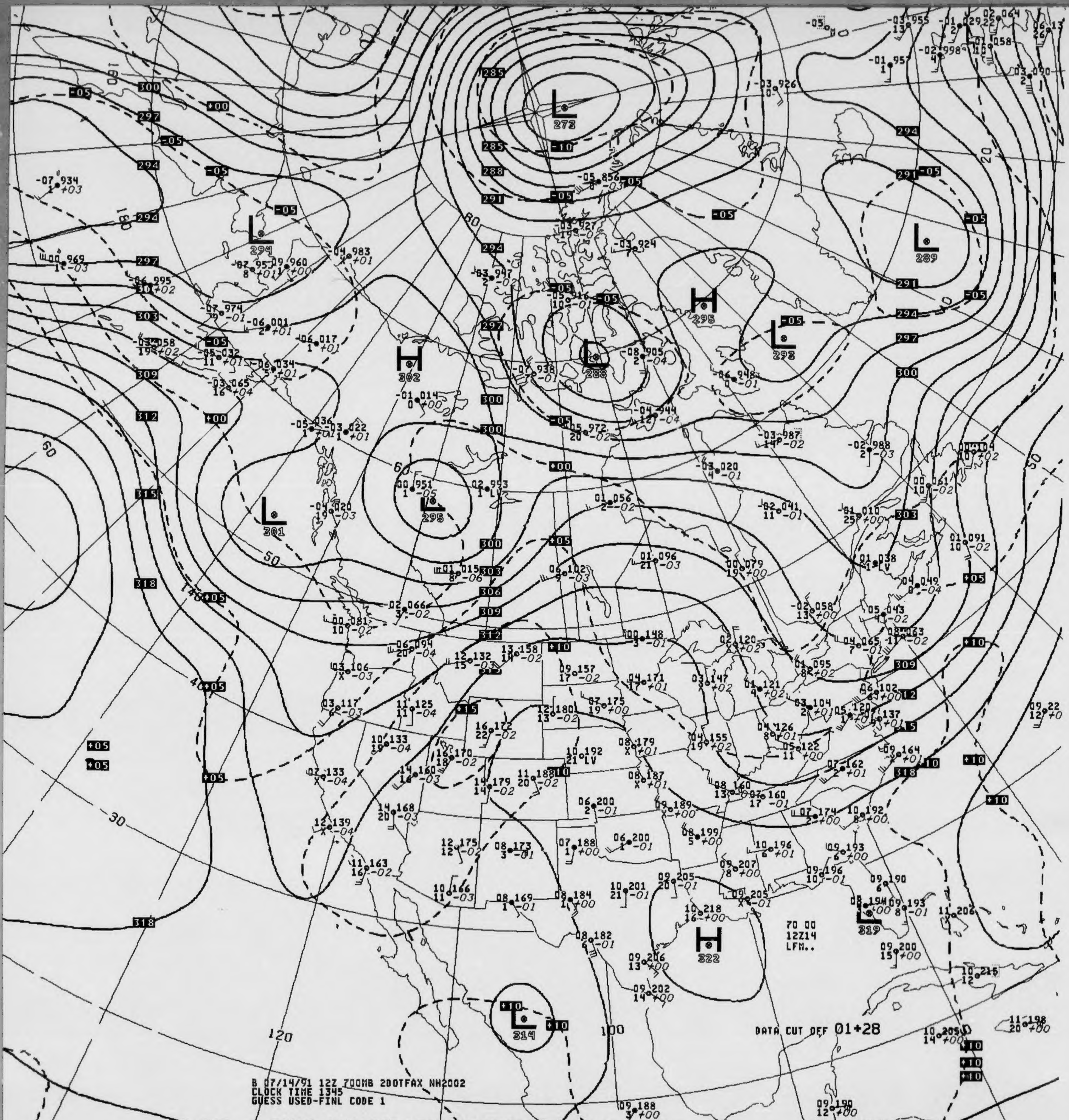
DATA CUT OFF 01+25

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 13 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/14/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 140
GUESS USED-FINL CODE 1
DATA CUT OFF 01+25
70 00
00Z14
LFM..
L 272
L 287
L 293
L 289
L 295
L 292
L 300
L 315
L 320
H 302
H 321
H 320
H 322
H 321
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

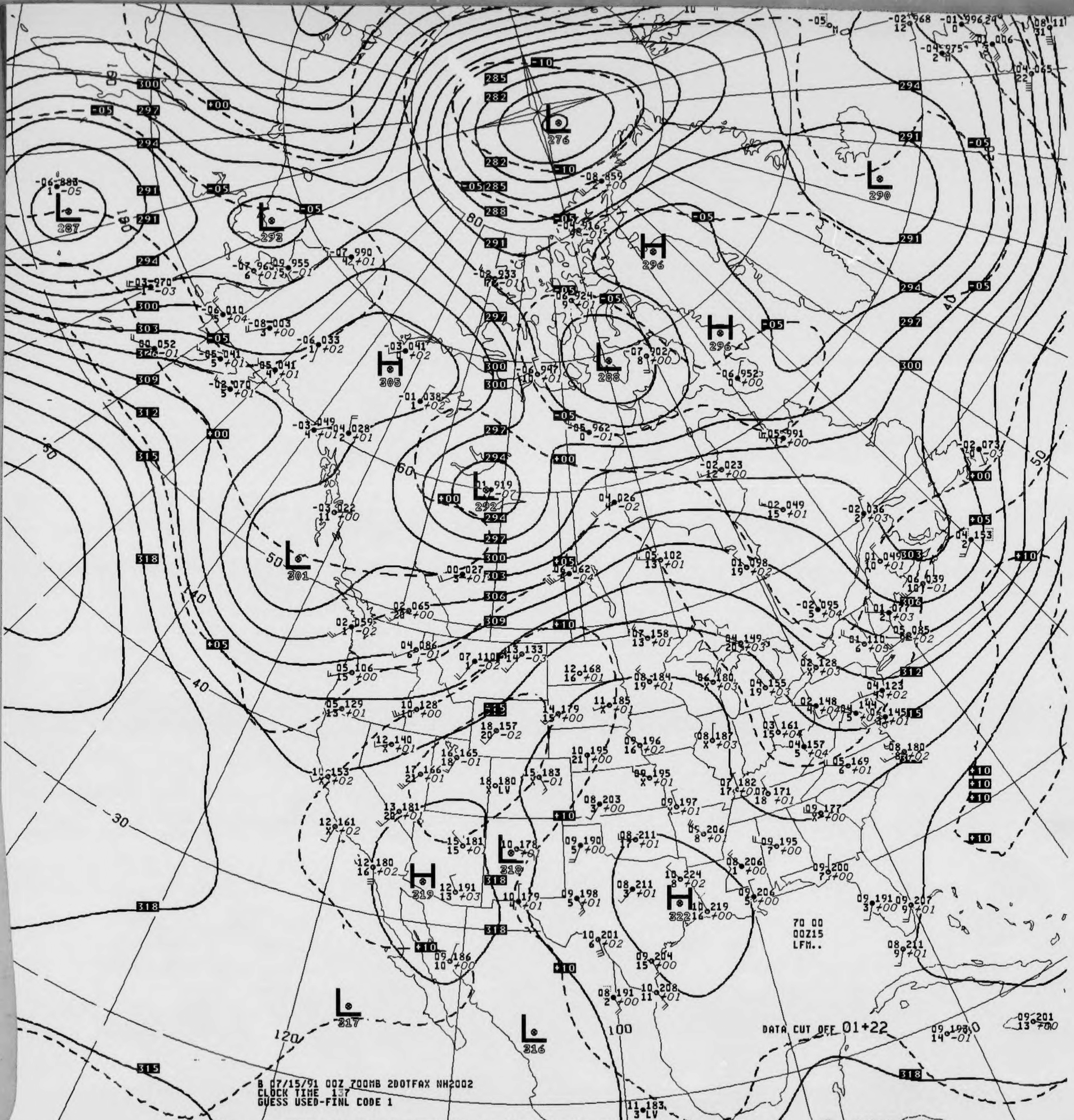
V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 14 JUL 91


70 00
12Z14
LFM..
DATA CUT OFF 01+28
L 273
L 294
L 289
H 295
L 293
L 288
H 302
L 301
L 295
H 322
L 319
L 319
60
50
40
30
20
180
140
120
100

B 07/14/91 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1345
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 14 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

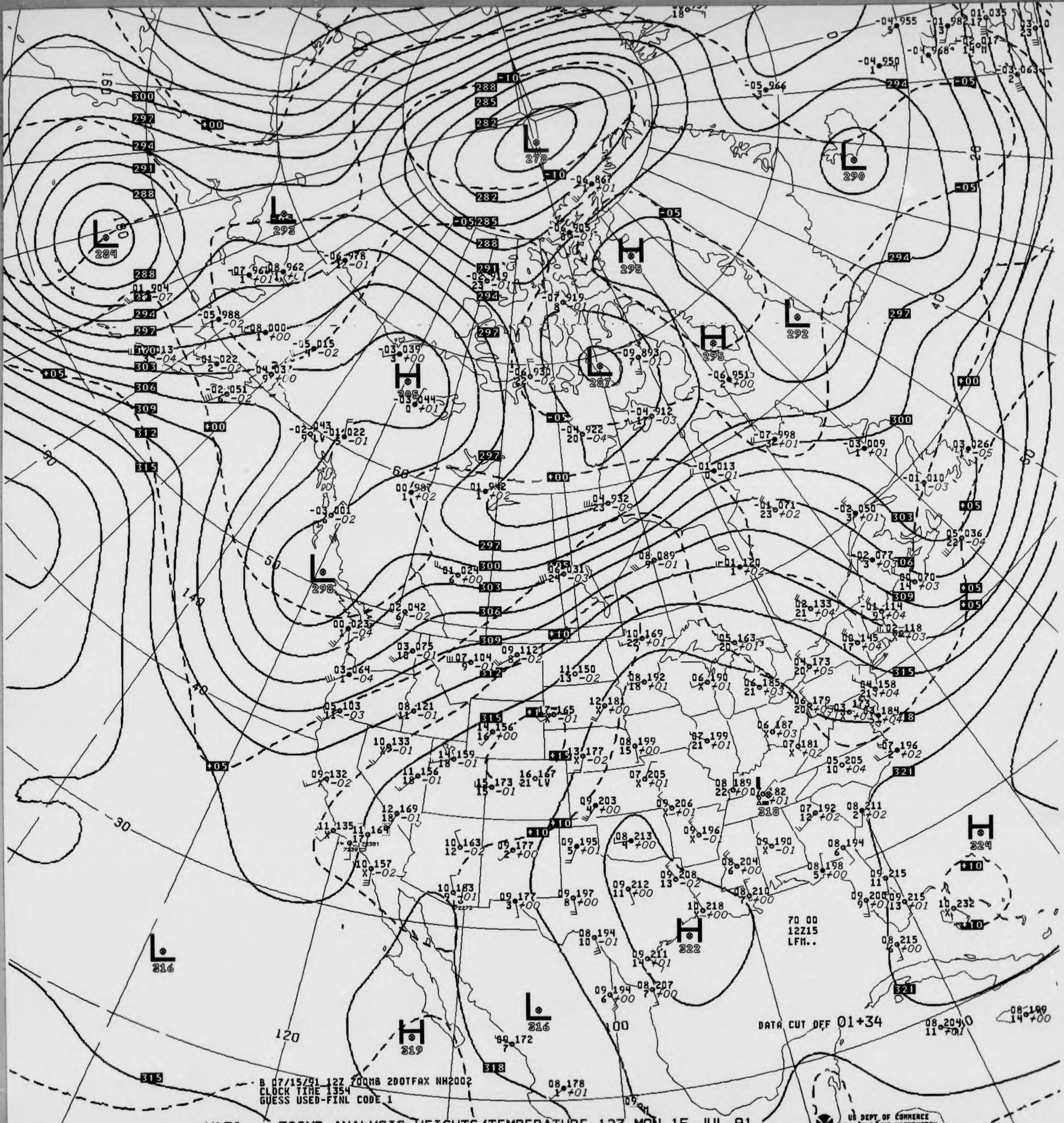


276
287
293
290
296
296
305
288
292
301
319
318
322
317
316
DATA CUT OFF 01+22
70 00
00Z15
LFM..

B 07/15/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 137
GUESS USED-FINL CODE 1

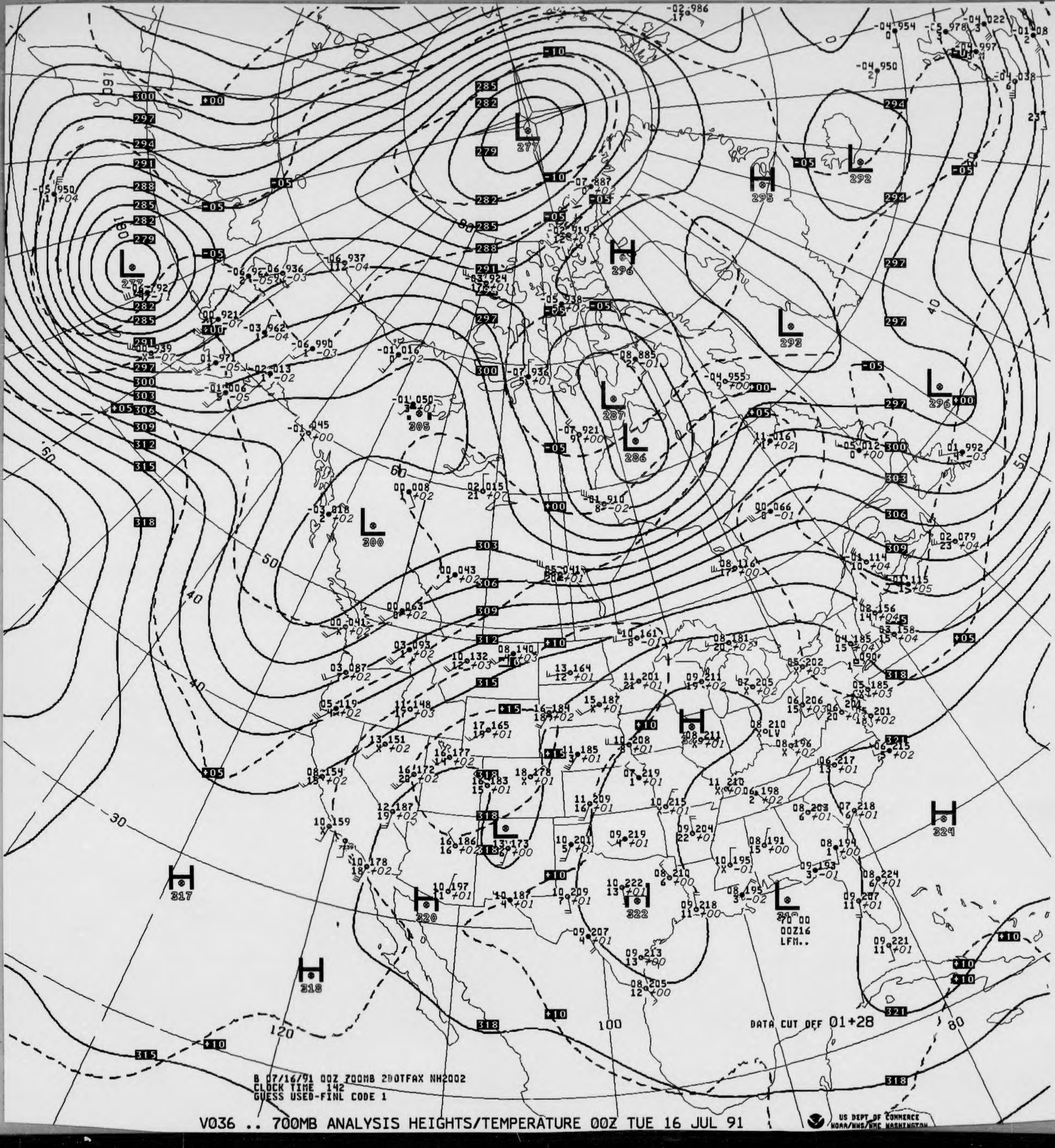
V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 15 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 284
L 293
L 278
L 290
H 295
H 295
L 292
H 305
L 287
L 298
H 324
H 322
L 316
L 316
H 319
70 00
12Z15
LFM..
DATA CUT OFF 01+34
B 07/15/91 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1354
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 15 JUL 91

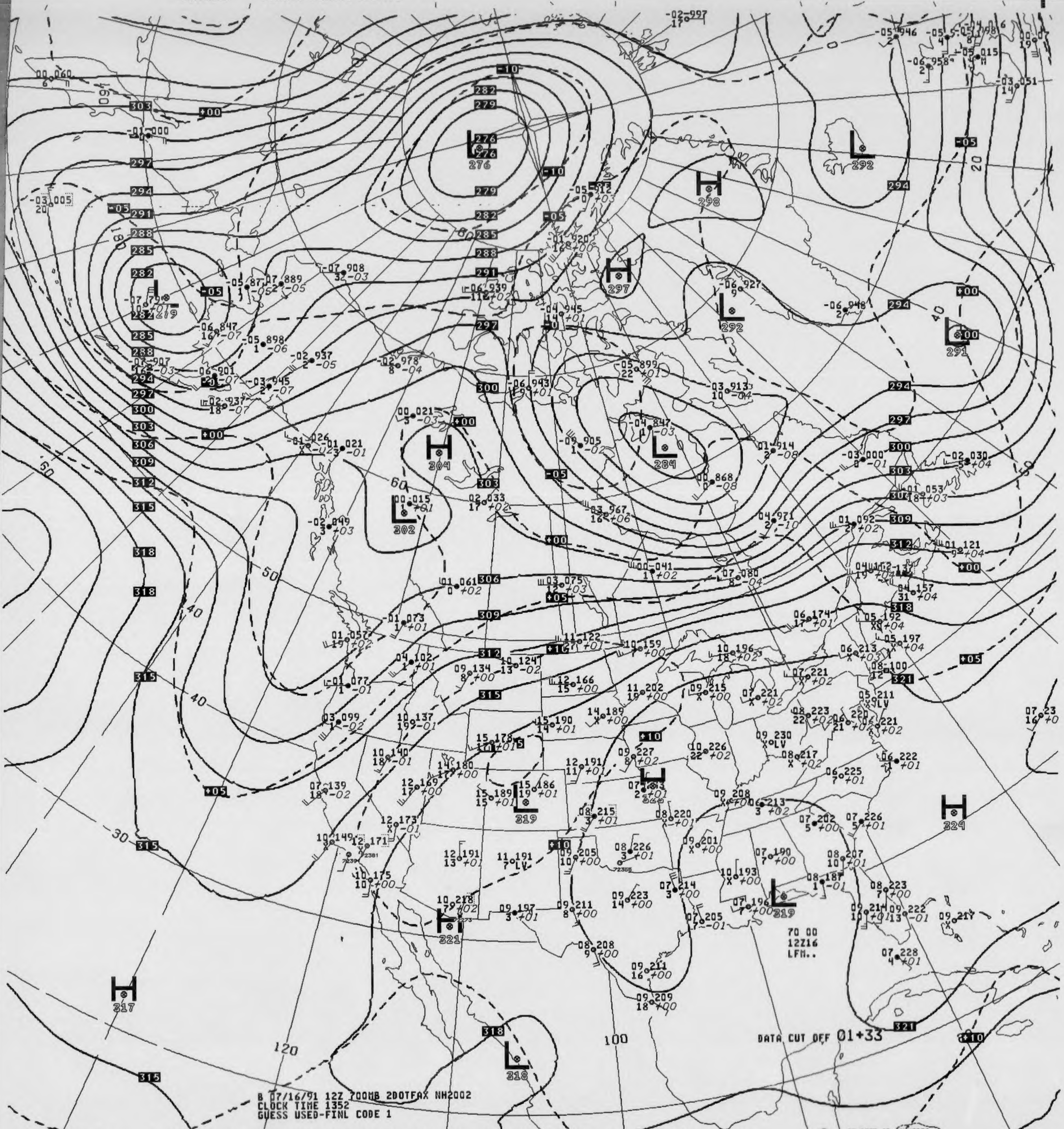
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 277
L 277
H 295
L 292
H 296
L 293
L 287
L 286
L 296
305
L 300
H
L
H 317
H 320
H 322
H 324
H 318
L
70 00
00Z16
LFM..
160
180
50
40
30
120
100
80
60
DATA CUT OFF 01+28
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 07/16/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 16 JUL 91

LAT/LONG 34N119W 34N098W 31N110W

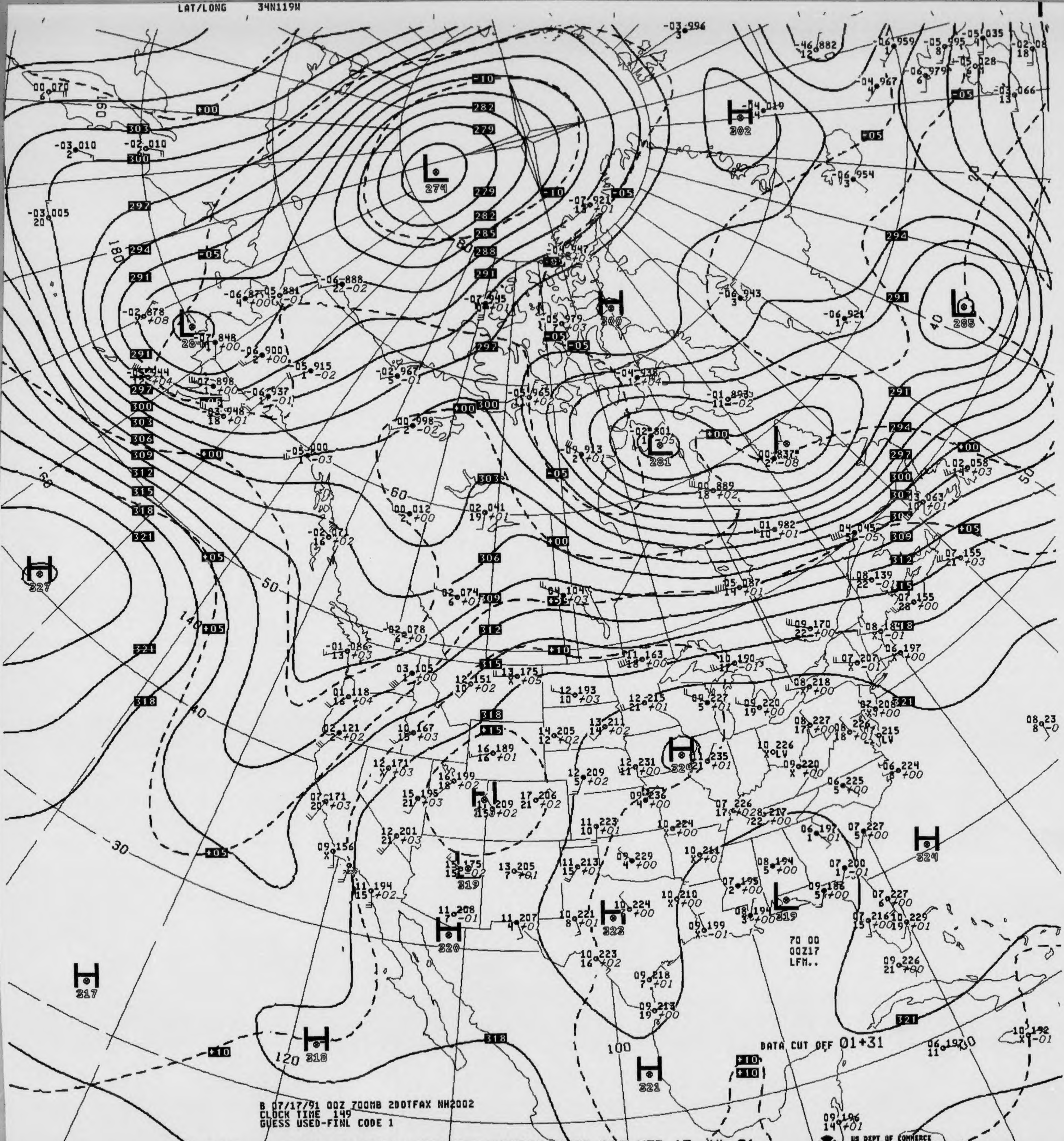

L 276
L 219
L 292
L 292
L 291
L 284
L 302
L 319
L 319
L 318
H 298
H 297
H 304
H 324
H 321
H 317
DATA CUT OFF 01+33
70 00
12Z16
LFM..

B 07/16/91 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1352
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 16 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

LAT/LONG 34N119W


L
274
L
284
L
281
L
285
H
302
H
300
H
327
H
324
H
323
H
320
H
319
H
317
H
318
H
321
H
224
L
319
70 00
00Z17
LFM..

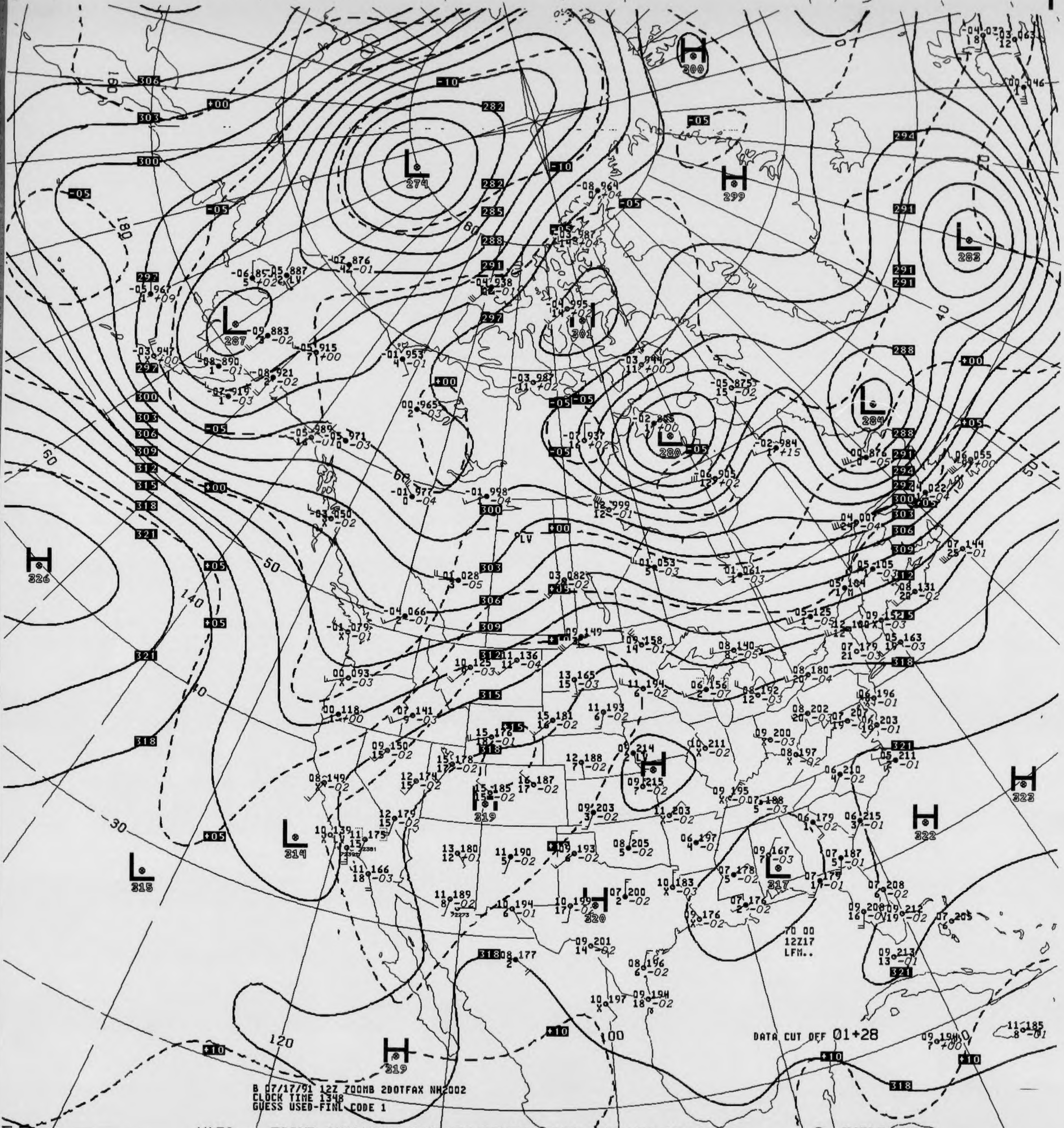
B 07/17/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 149
GUESS USED-FINL CODE 1

DATA CUT OFF 01+31

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

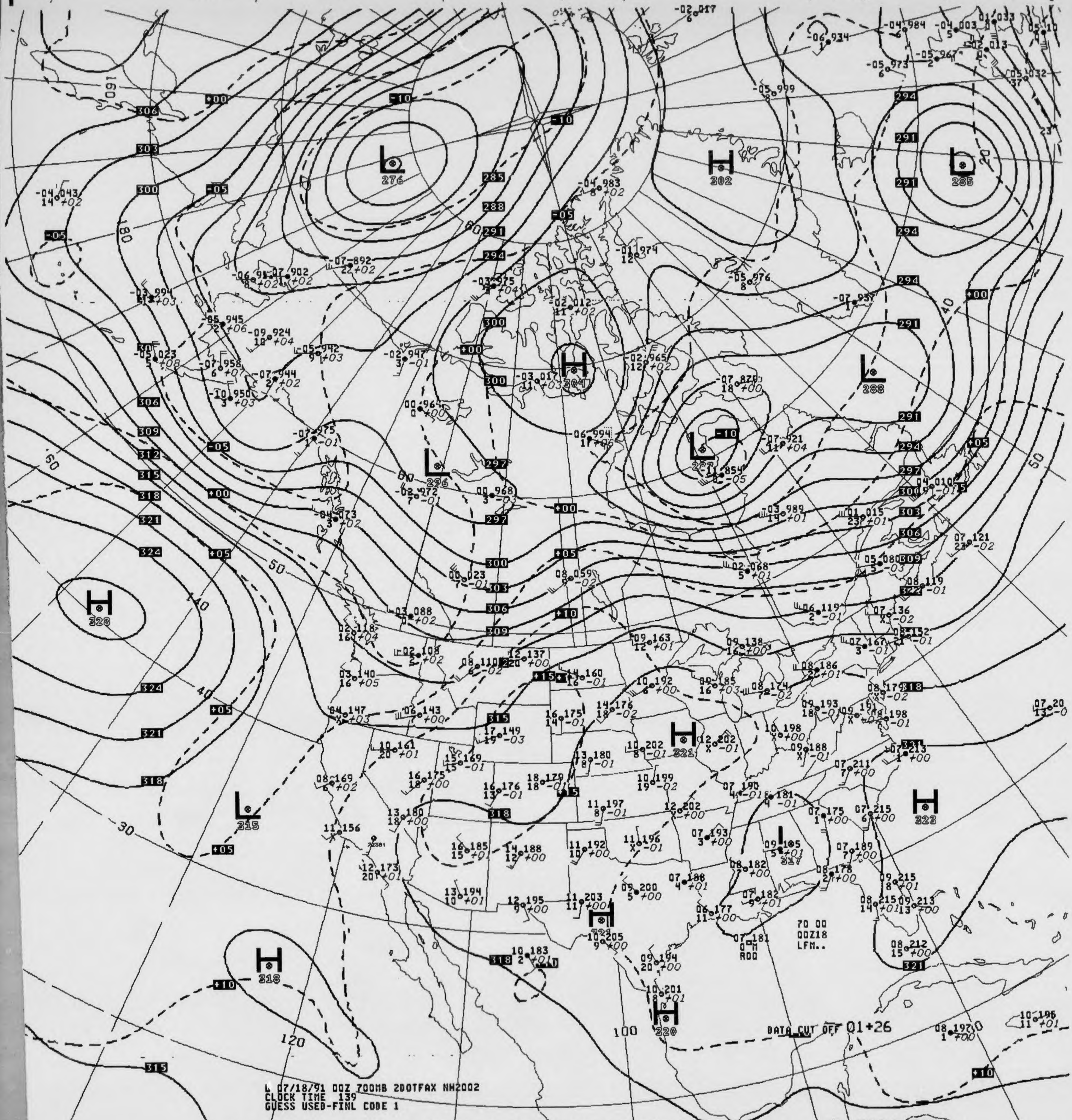
V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 17 JUL 91

LAT/LONG 34N119W 31N110W


L 274
L 287
L 301
L 280
L 284
L 282
L 314
L 315
L 317
H 300
H 299
H 326
H 319
H 320
H 323
H 322
H 319
DATA CUT OFF 01+28
70 00
12Z17
LFM..
B 07/17/91 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1348
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 17 JUL 91

LAT/LONG 34N116W

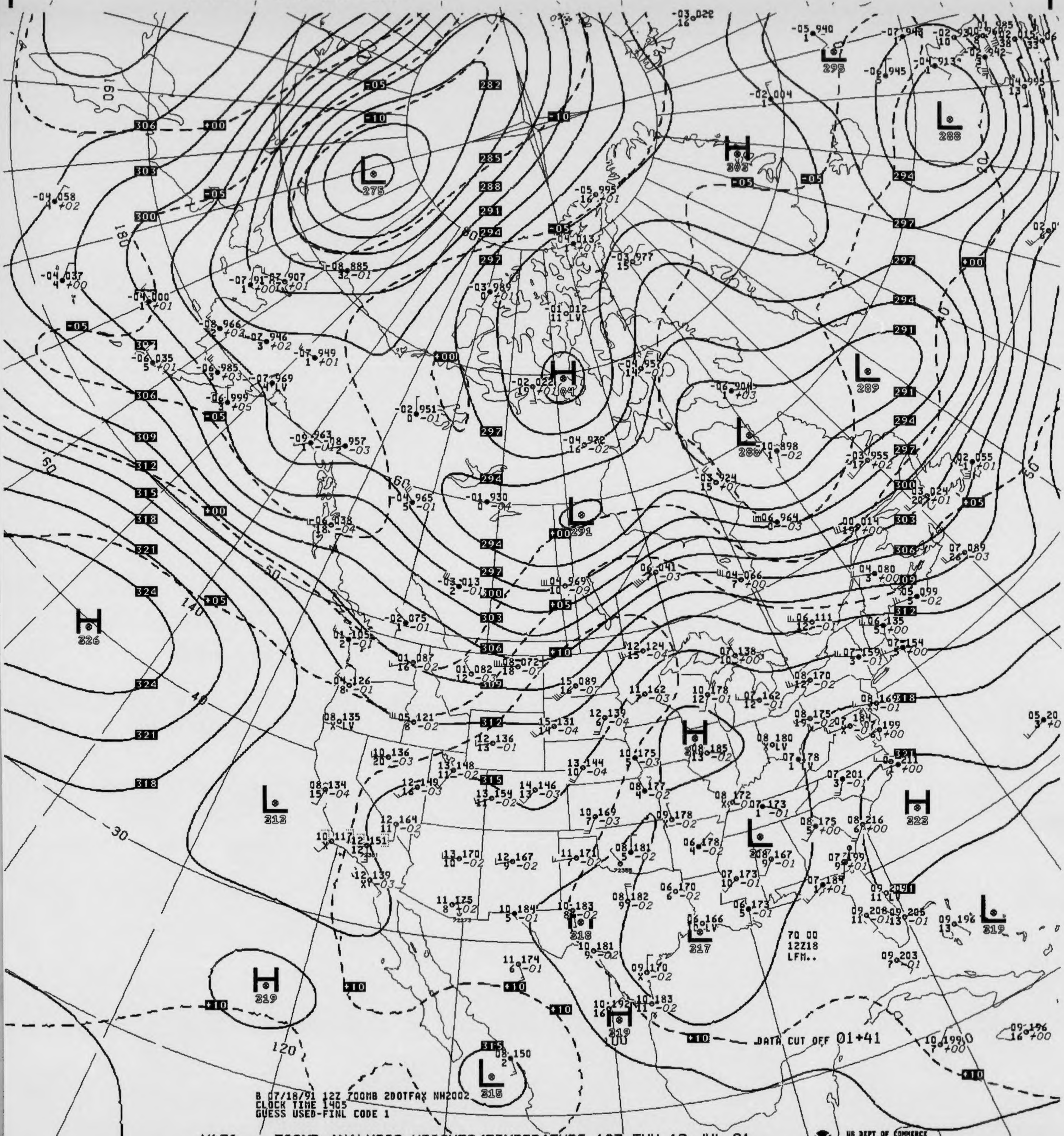

H
328
L
276
H
302
L
285
H
304
L
296
L
287
L
288
H
321
L
315
H
318
H
323
L
317
H
320
160
180
60
50
40
30
120
100
DATA CUT OFF 01+26
70 00
00Z18
LFM..

07/18/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 139
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 18 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

ID 72355 74780 72273
LAT/LONG 34N098W 32N081W 31N110W

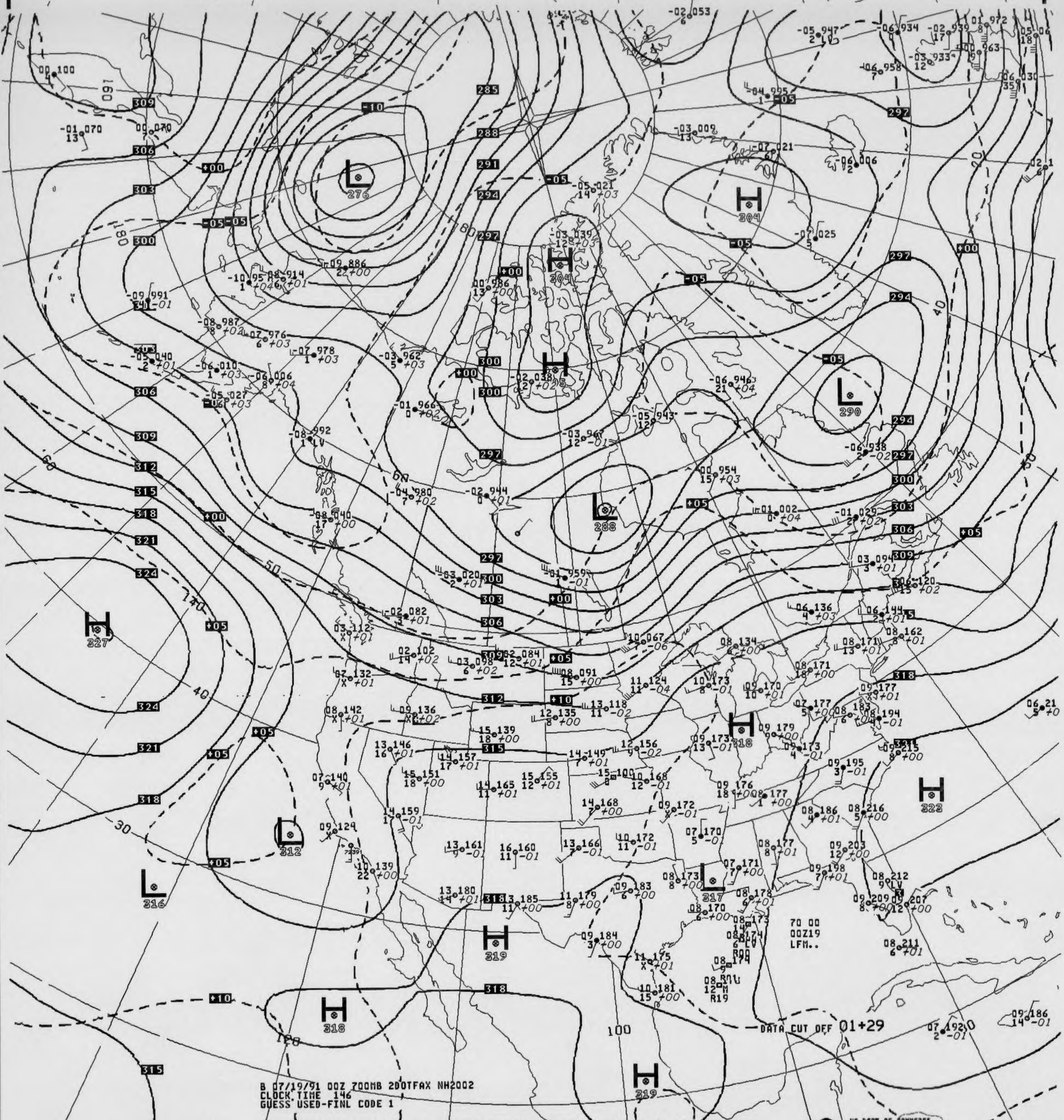

70 00
12Z18
LFM..
DATA CUT OFF 01+41

B 07/18/91 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1405
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 18 JUL 91

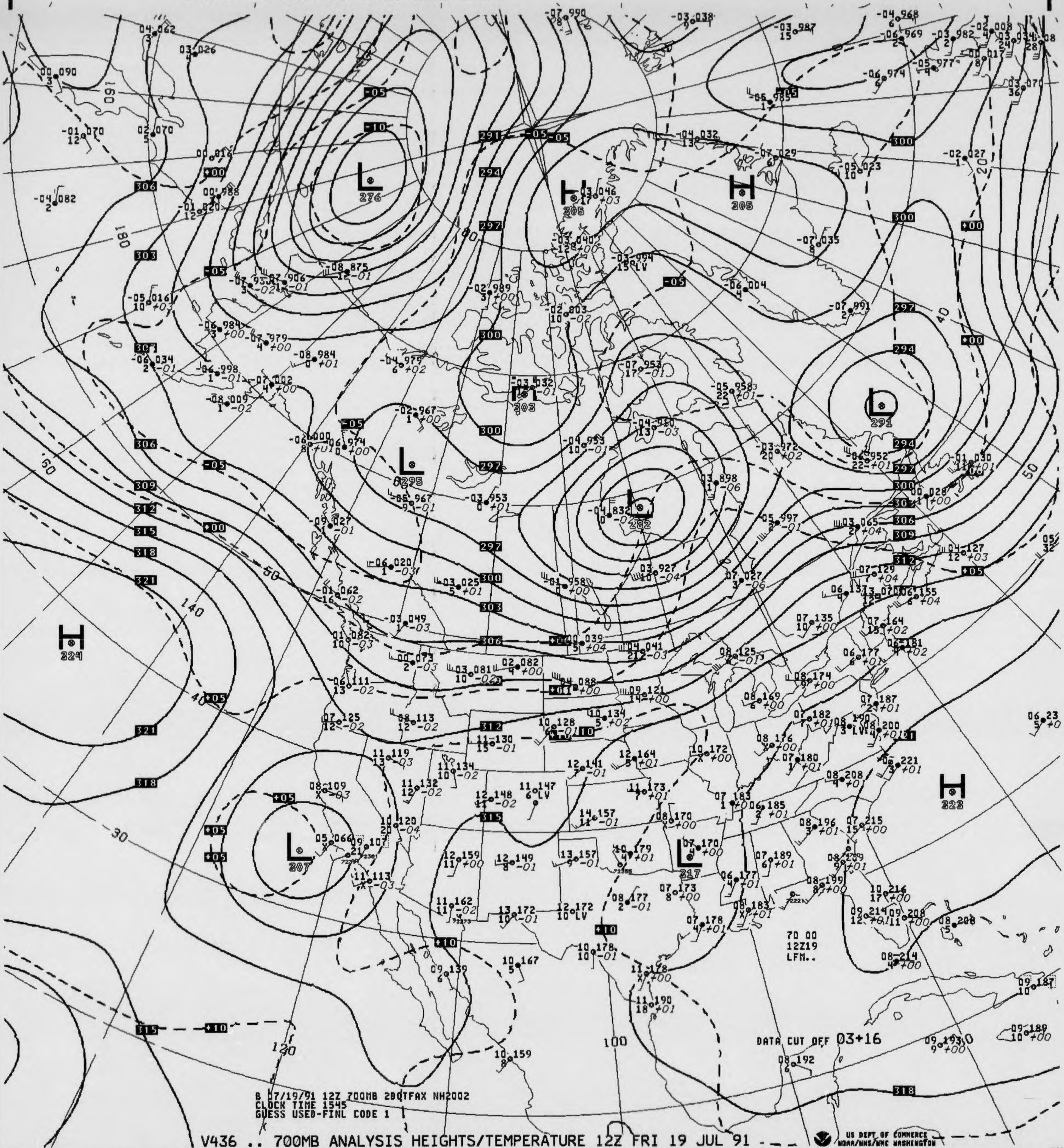
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

LAT/LONG 34N119W


B 07/19/91 00Z 700MB 200TFAX NH2002
CLOCK TIME 146
GUESS USED-FINL CODE 1
DATA CUT OFF 01+29
70 00
00Z19
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 19 JUL 91

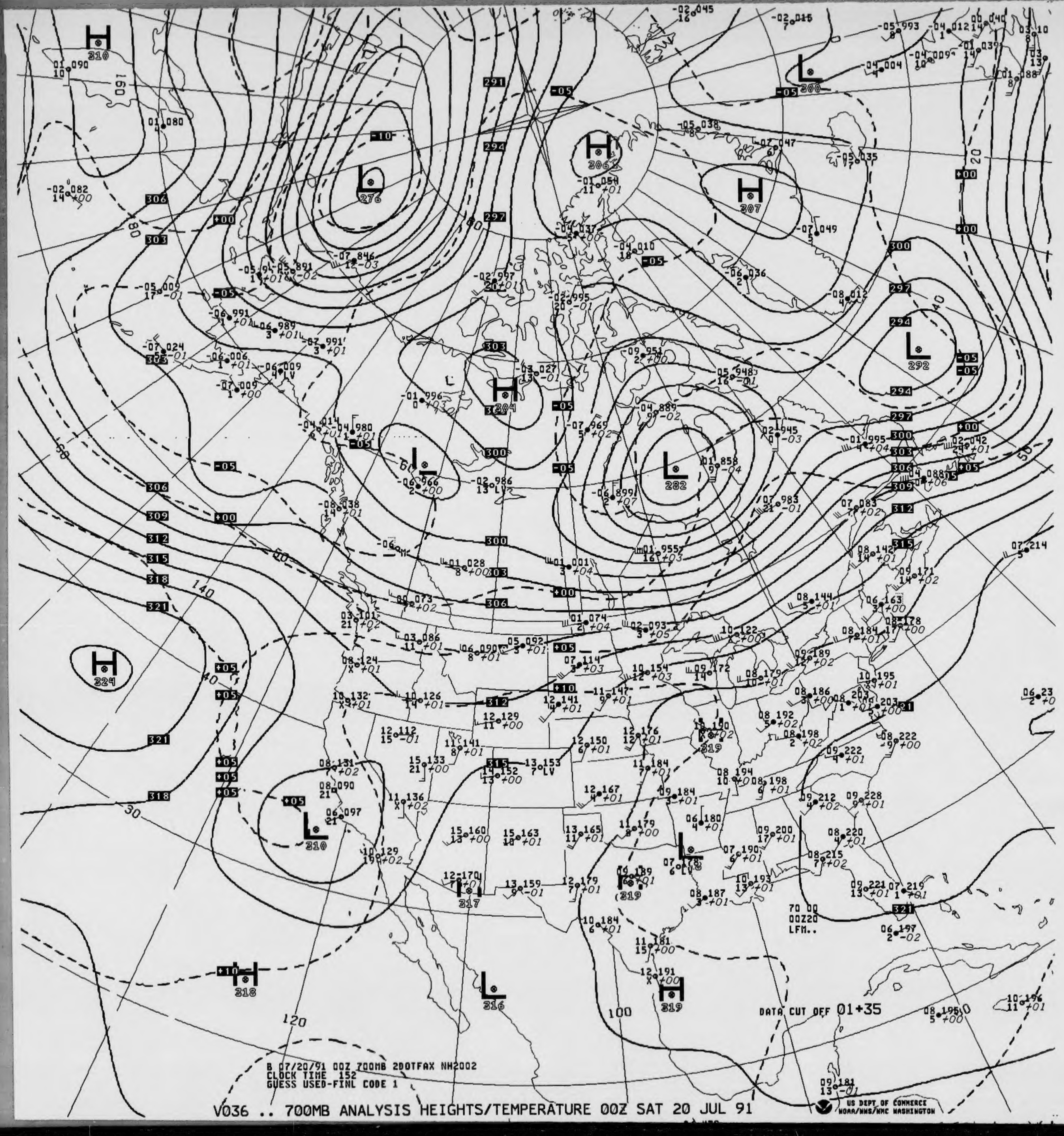
LAT/LONG 30N086W 34N119W 34N098W 32N081W 31N110W


L
276
H
305
H
305
L
295
L
282
L
291
H
324
L
307
L
317
H
323
DATA CUT OFF 03+16
70 00
12Z19
LFM..

B 07/19/91 12Z 700MB 2DQTFAX NH2002
CLOCK TIME 1545
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 19 JUL 91

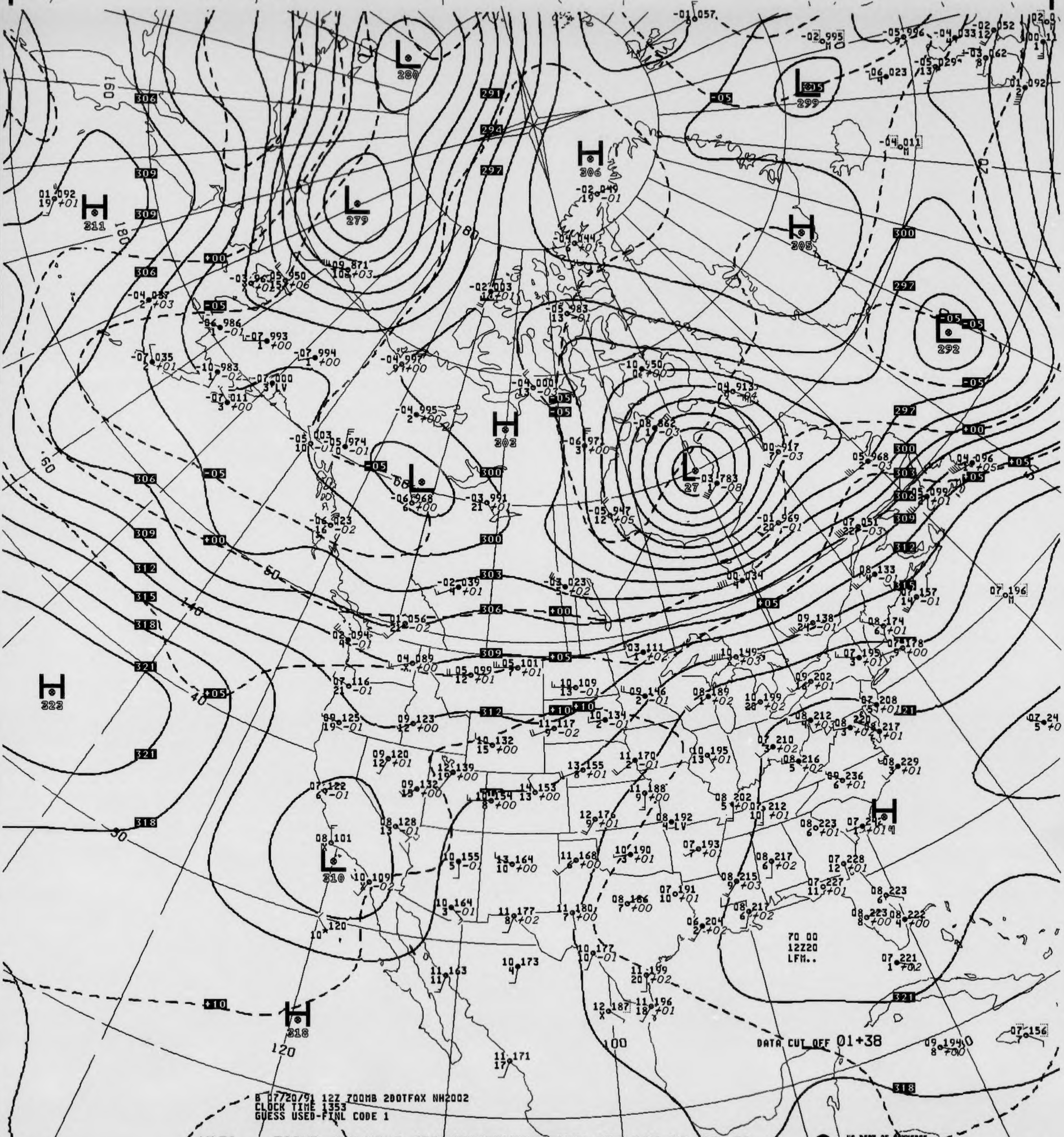
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 310
L 276
H 306
H 307
L 300
L 292
H 304
L 282
H 324
L 310
L 317
L 319
H 319
H 318
L 316
DATA CUT OFF 01+35
70 00
00Z20
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 07/20/91 00Z 700MB 200TFAX NH2002
CLOCK TIME 152
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 20 JUL 91

LAT/LONG 32N106W

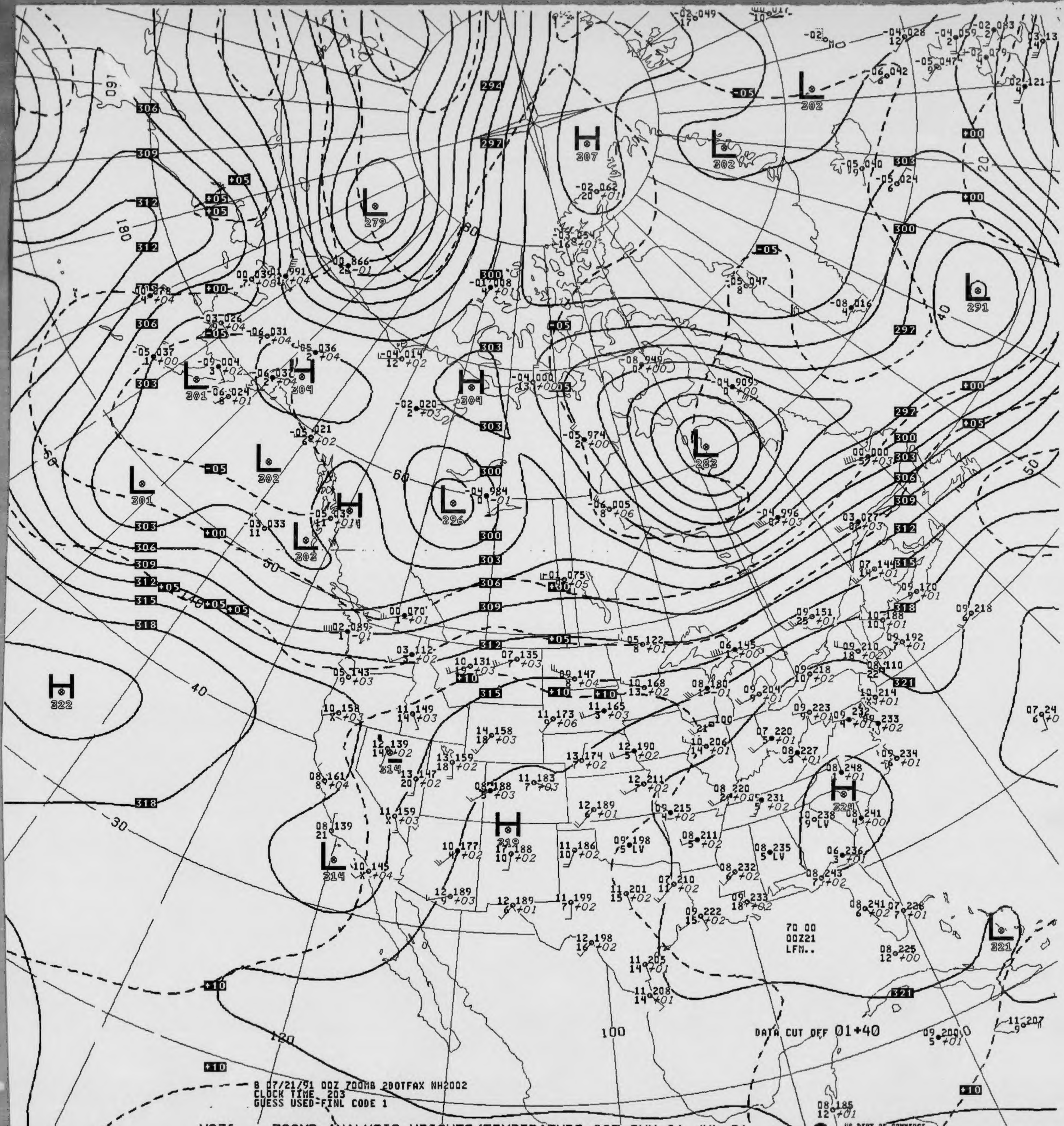


L 280
L 279
H 306
L 299
H 311
H 305
L 292
H 303
L 27
L
H 223
L 310
H 318
H
306
309
312
315
318
321
291
294
297
300
303
DATA CUT OFF 01+38
70 00
12Z20
LFM..

B 07/20/91 12Z 700MB 200TFAX NH2002
CLOCK TIME 1353
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 20 JUL 91

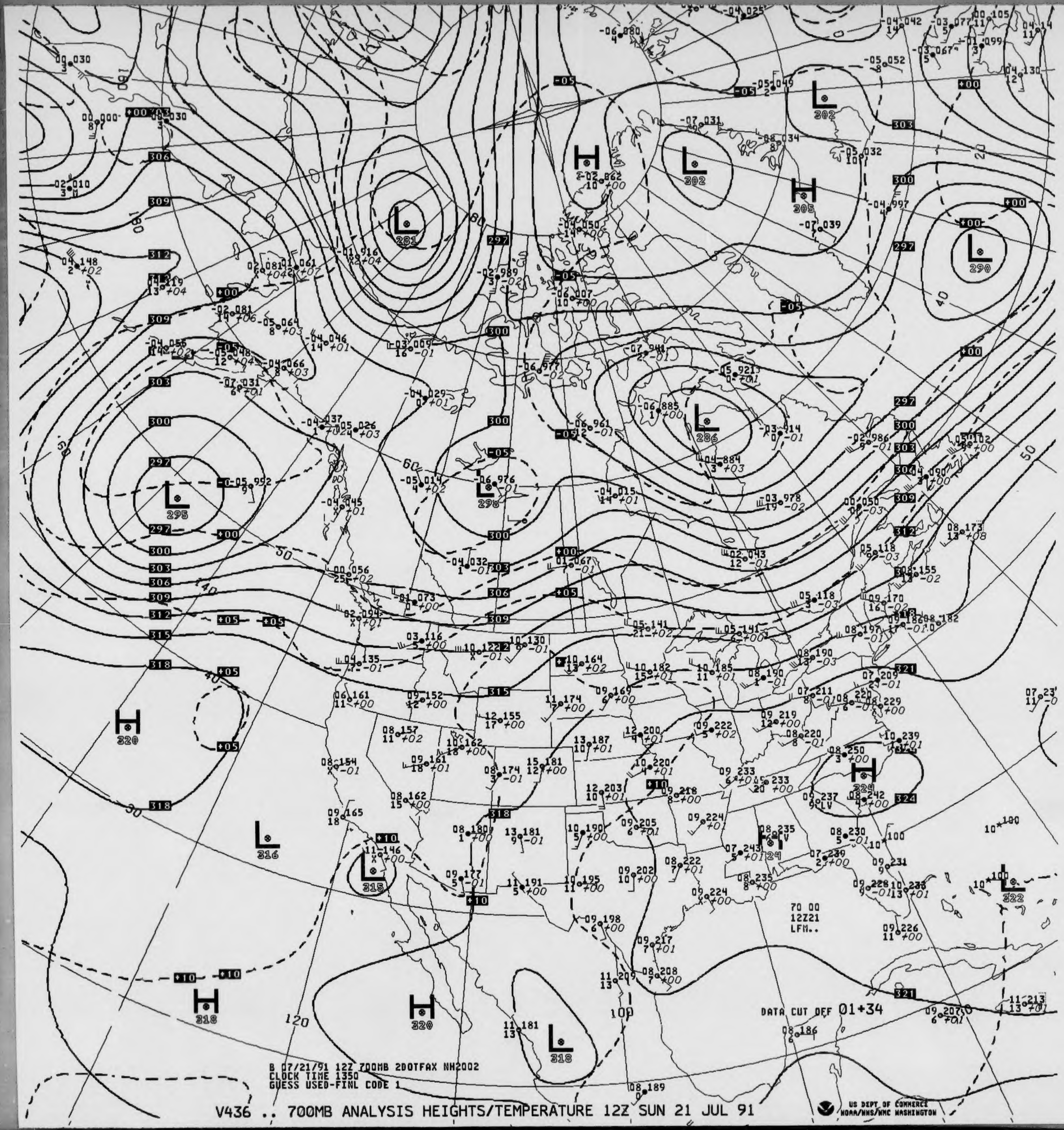
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 279
H 307
L 302
L 302
L 291
H 304
H 304
L 301
L 283
L 301
L 302
L 296
H
L 303
H 322
L 314
H 319
H 324
L 314
L 321
70 00
00Z21
LFM..
DATA CUT OFF 01+40

B 07/21/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 203
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 21 JUL 91

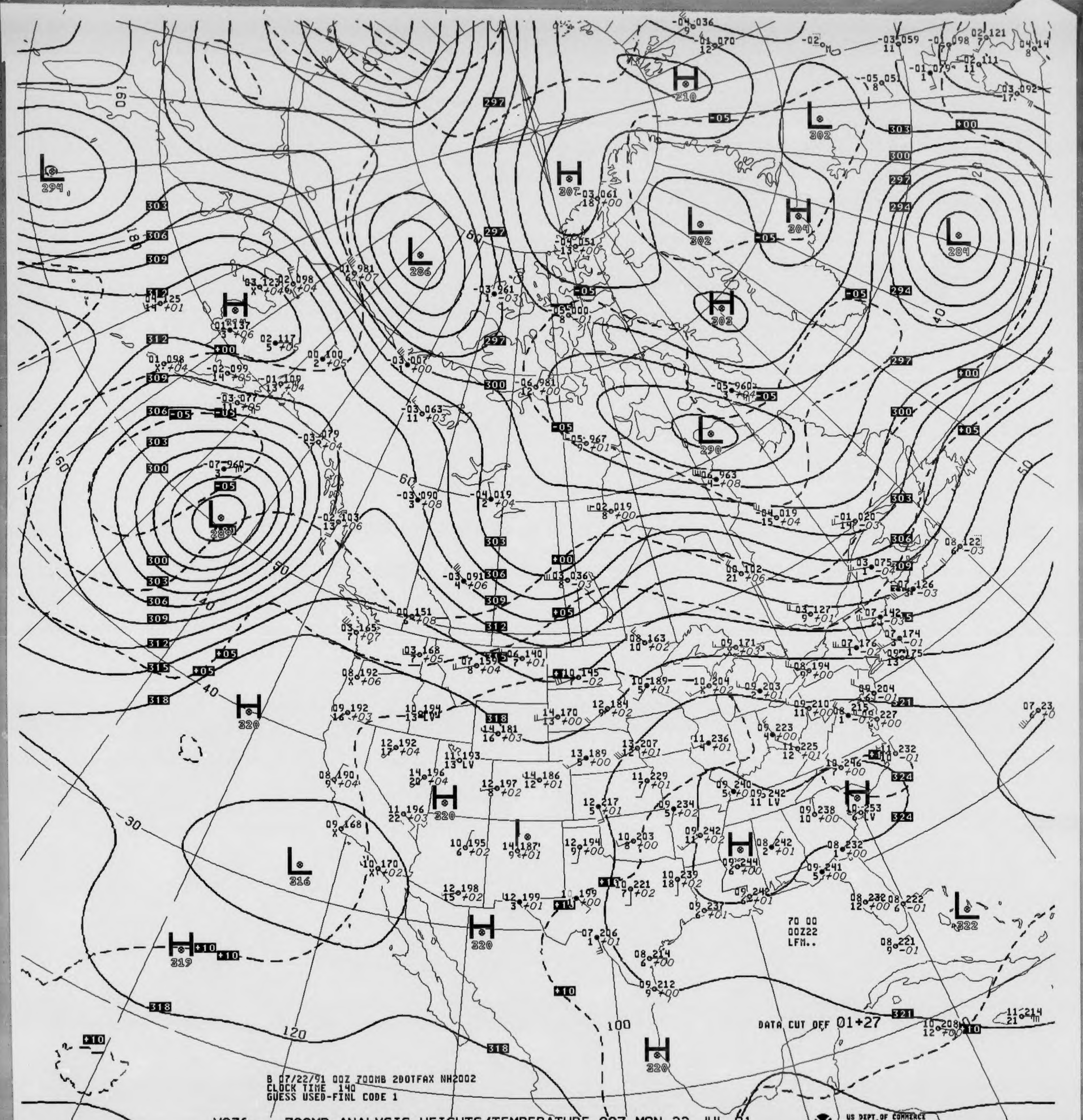
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


70 00
12Z21
LFM..
DATA CUT OFF 01+34

B 07/21/91 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1350
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 21 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



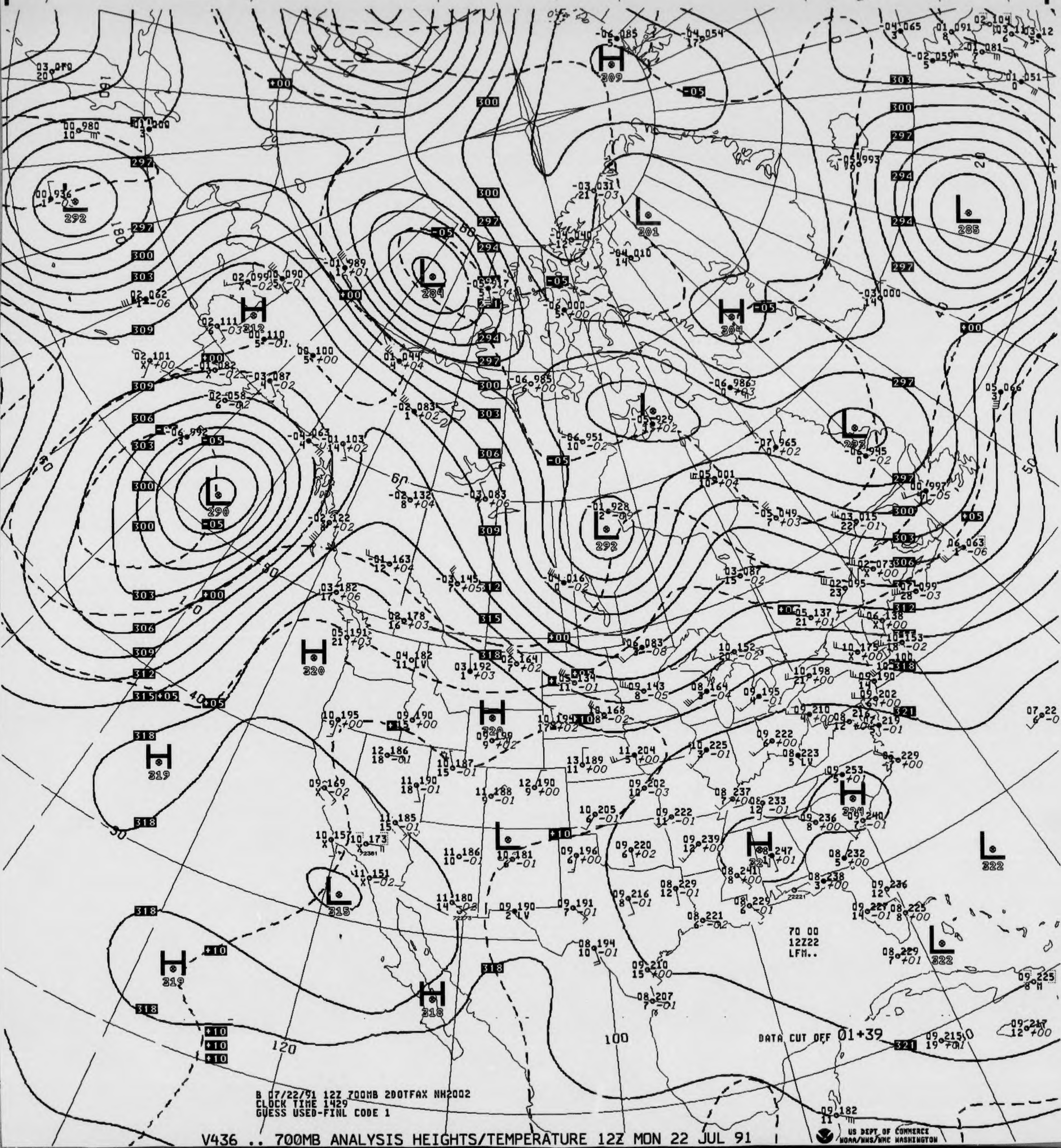
DATA CUT OFF 01+27
70 00
00Z22
LFM..
H
320
L
316
L
289
L
286
L
294
L
290
L
284
L
302
L
322
H
319
H
210
H
307
H
304
H
303

B 07/22/91 00Z 700MB 200TFAX NH2002
CLOCK TIME 140
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 22 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

10 72221 72273
LAT/LONG 30N086W 31N110W



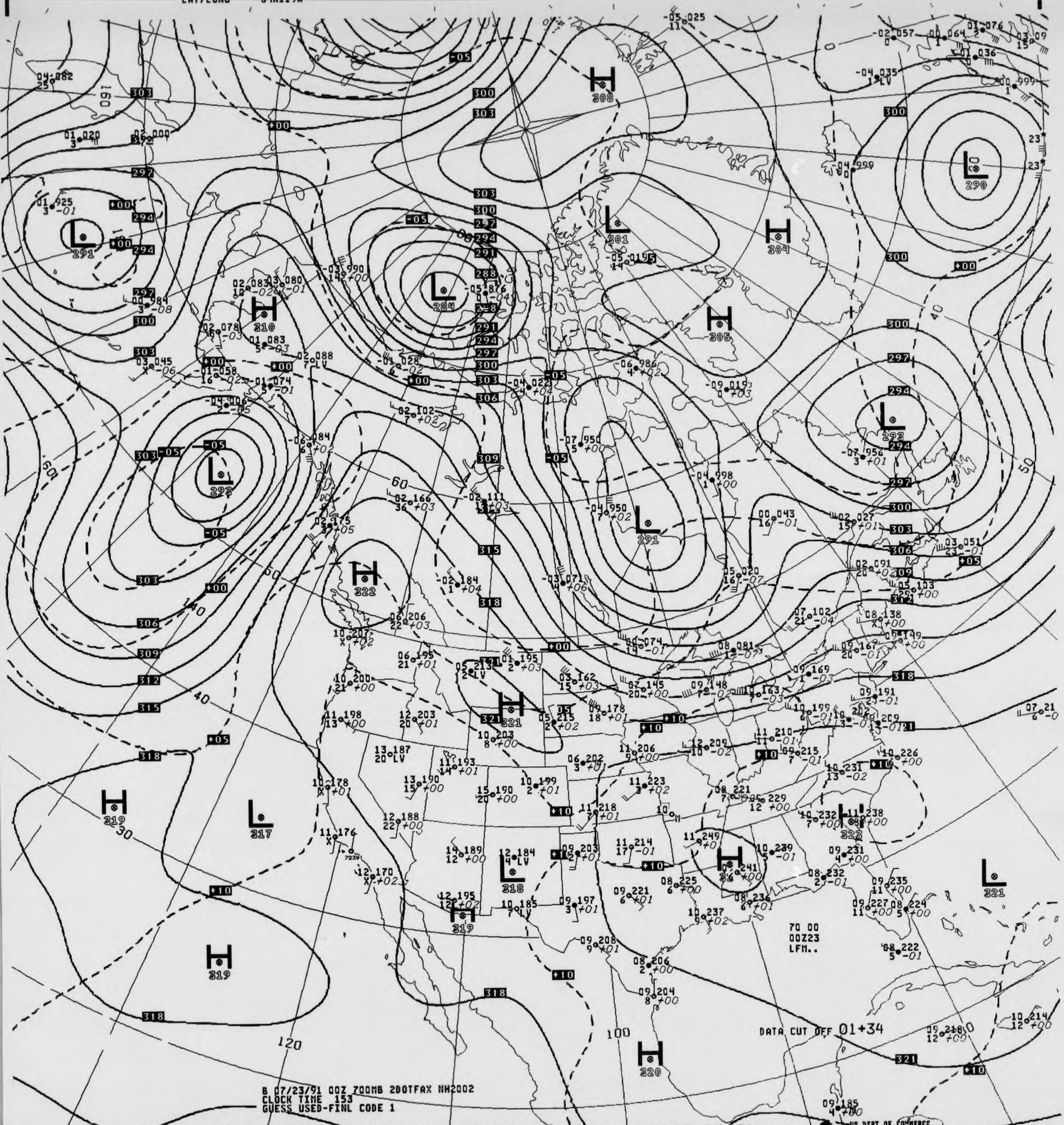
H 309
L 292
L 201
L 285
L 284
H 312
H 304
L 290
L 292
L 222
H 320
H 320
H 319
L 315
H 319
H 318
L 322
L 322
H 324
H 322
70 00
12Z22
LFM..
120
100
180
160

DATA CUT OFF 01+39

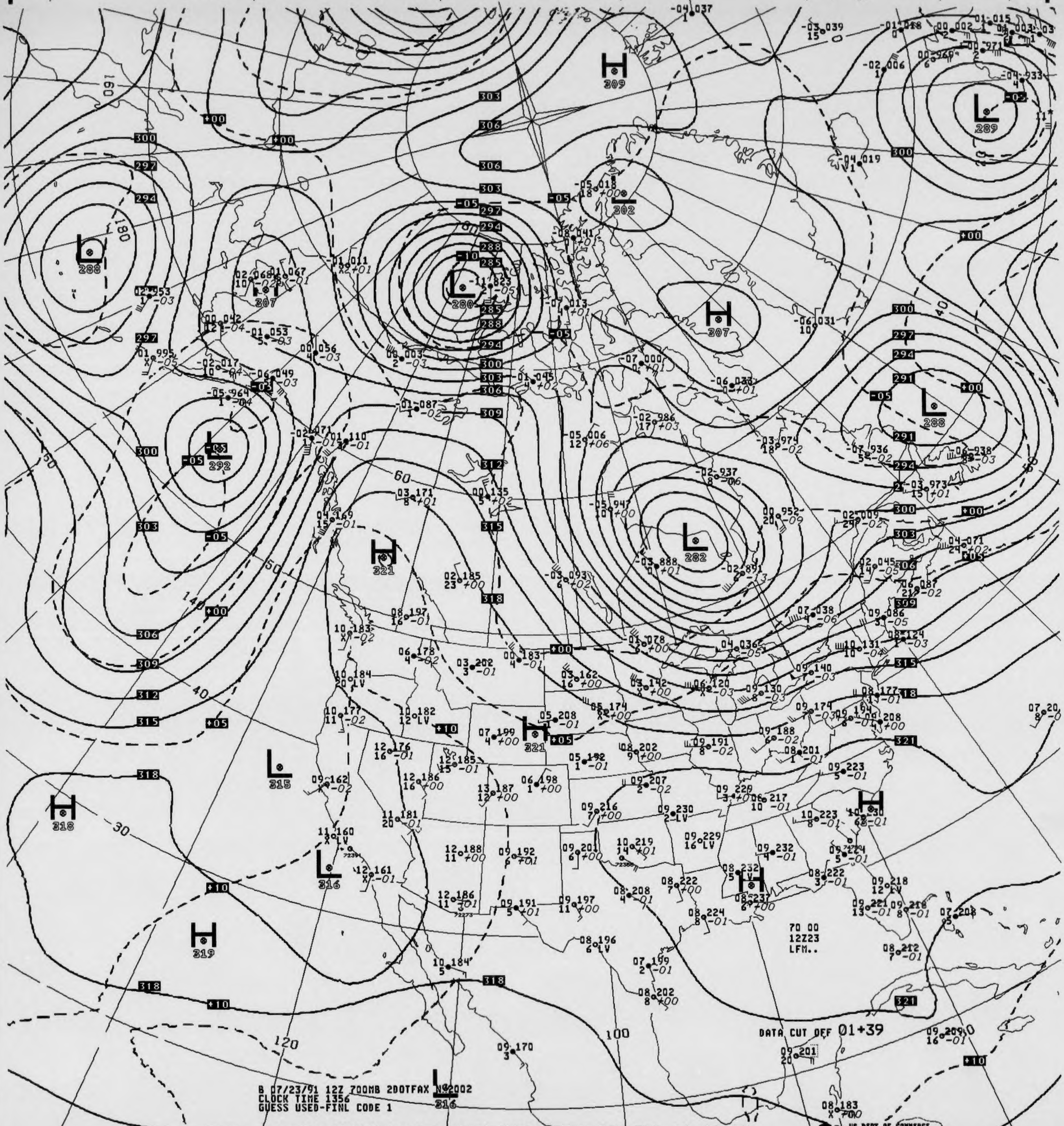
B 07/22/91 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1429
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 22 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

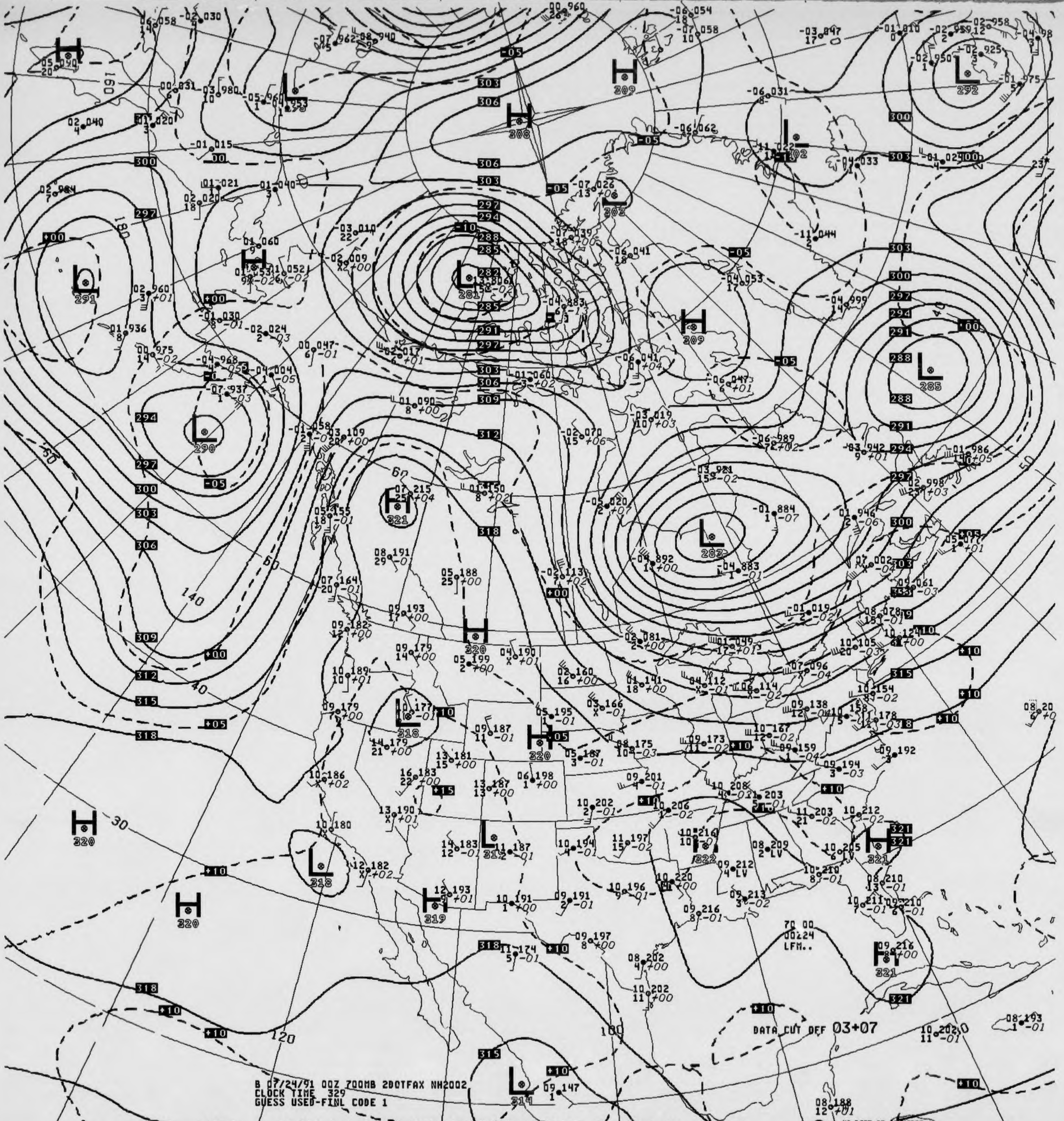

B 07/23/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 153
GUESS USED-FINL CODE 1
DATA CUT OFF 01+34
70 00
00Z23
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H 308
L 301
H 304
L 290
L 291
L 284
H 310
H 305
L 293
L 293
L 291
H 322
H 321
H 319
L 317
L 318
H 319
H 319
L 321
H 320
120
100
140
160
60
50
40
30

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 23 JUL 91

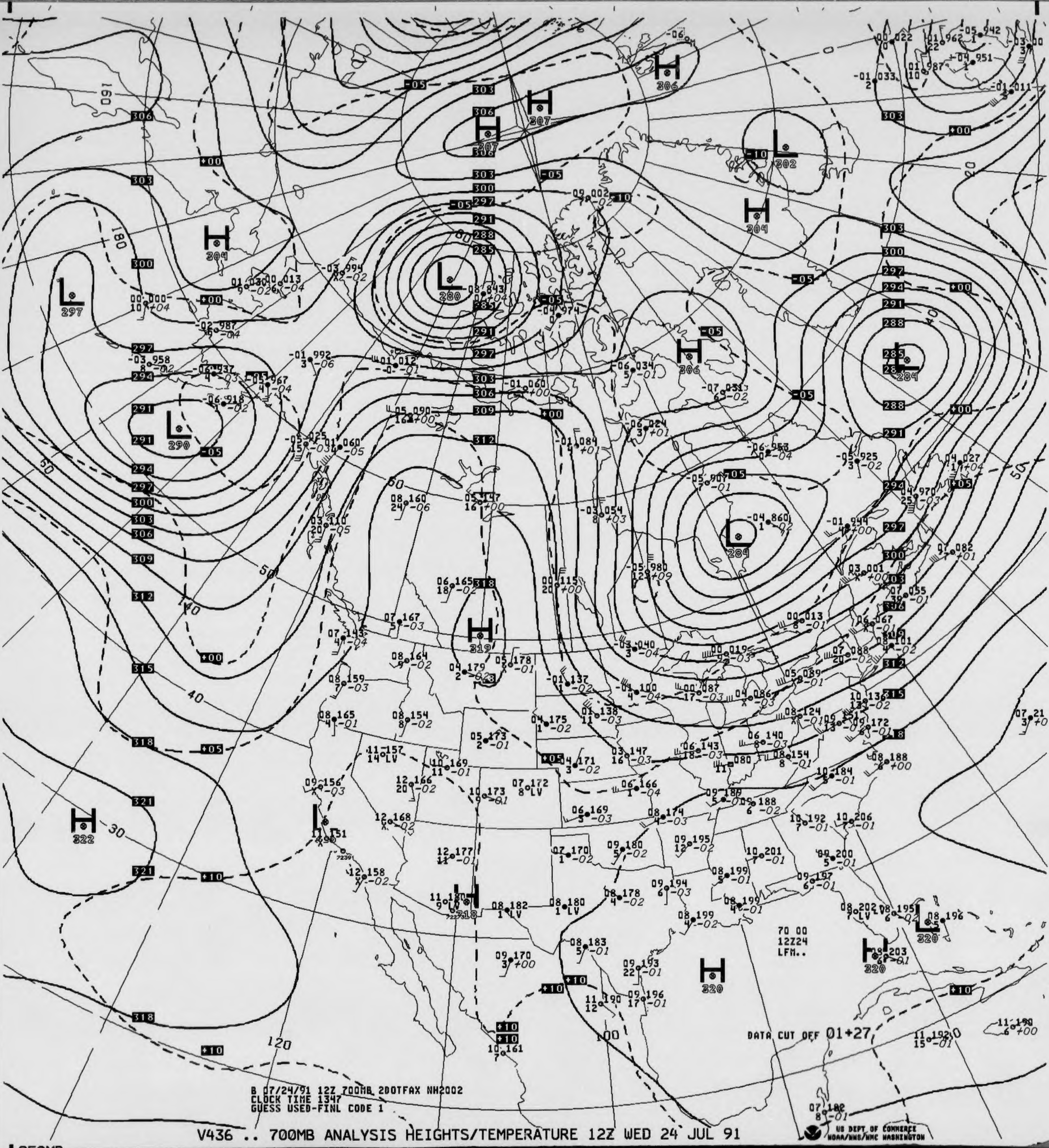

B 07/23/91 12Z 700MB 2DOTFAX N°2002
CLOCK TIME 1356
GUESS USED-FINL CODE 1
DATA CUT OFF 01+39
70 00
12Z23
LFM..
H 309
H 307
H 321
H 321
H 318
H 319
L 289
L 288
L 280
L 288
L 292
L 282
L 315
L 316
L 316
300
303
306
309
312
315
318
321

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 23 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

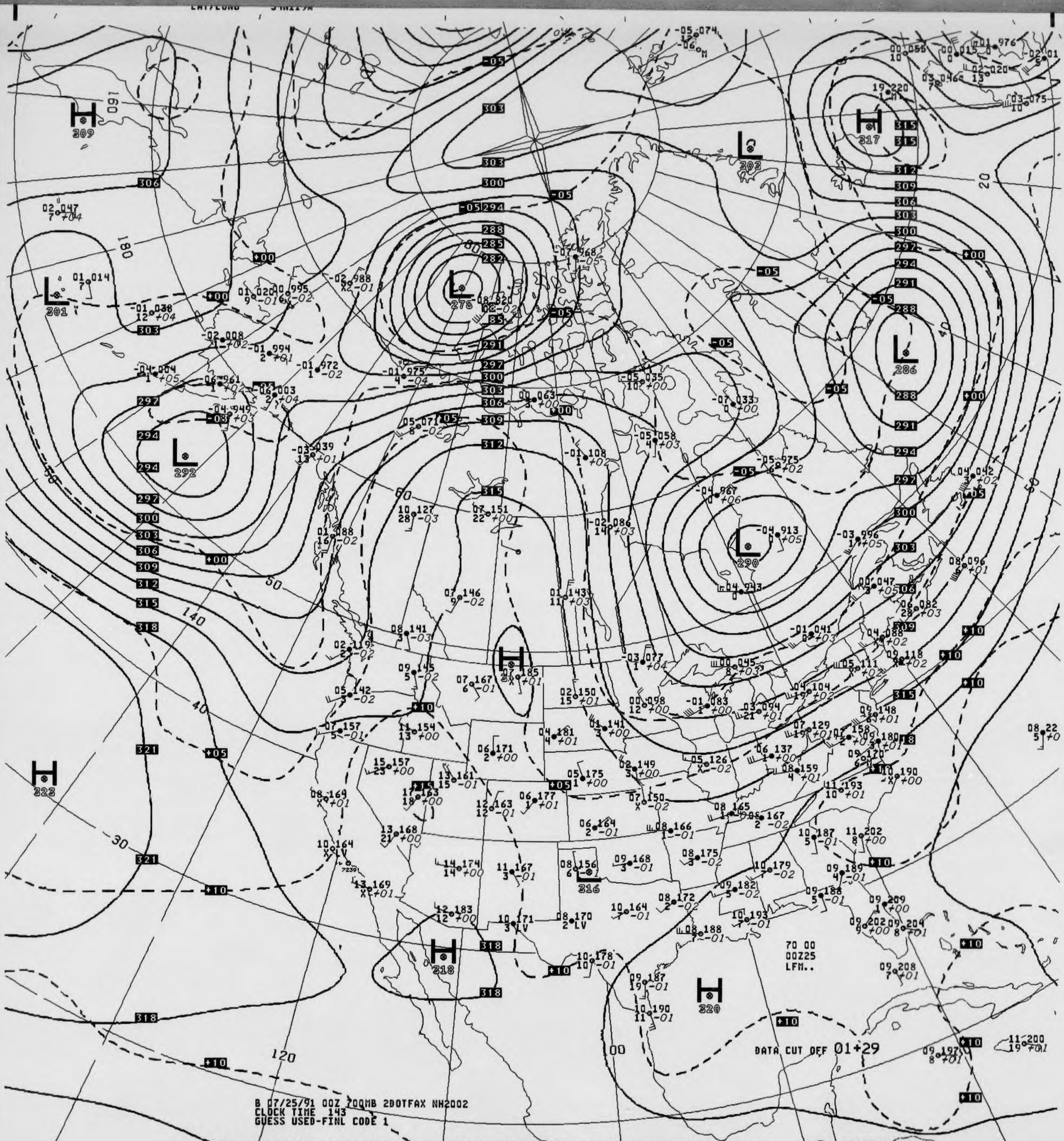

B 07/24/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 329
GUESS USED-FINL CODE 1
DATA CUT OFF 03+07
70 00
00Z24
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 24 JUL 91


DATA CUT OFF 01+27
70 00
12Z24
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 07/24/91 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1347
GUESS USED-FINL CODE 1

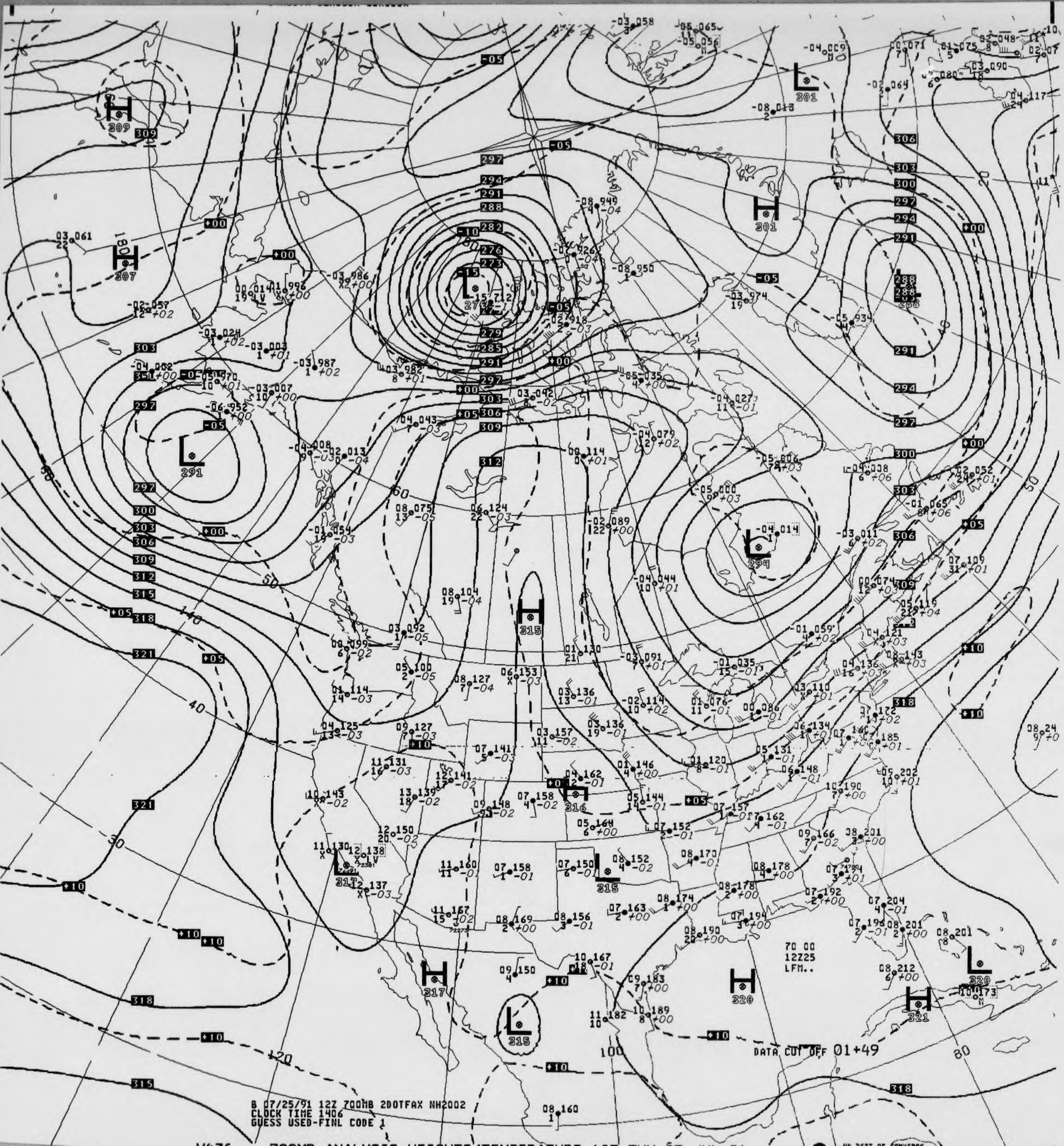
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 24 JUL 91


H 309
L 301
L 292
L 276
L 302
H 317
L 286
L 290
H
L 316
H 323
H 318
H 320
DATA CUT OFF 01+29
70 00
00Z25
LFM..

B 07/25/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 143
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 25 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

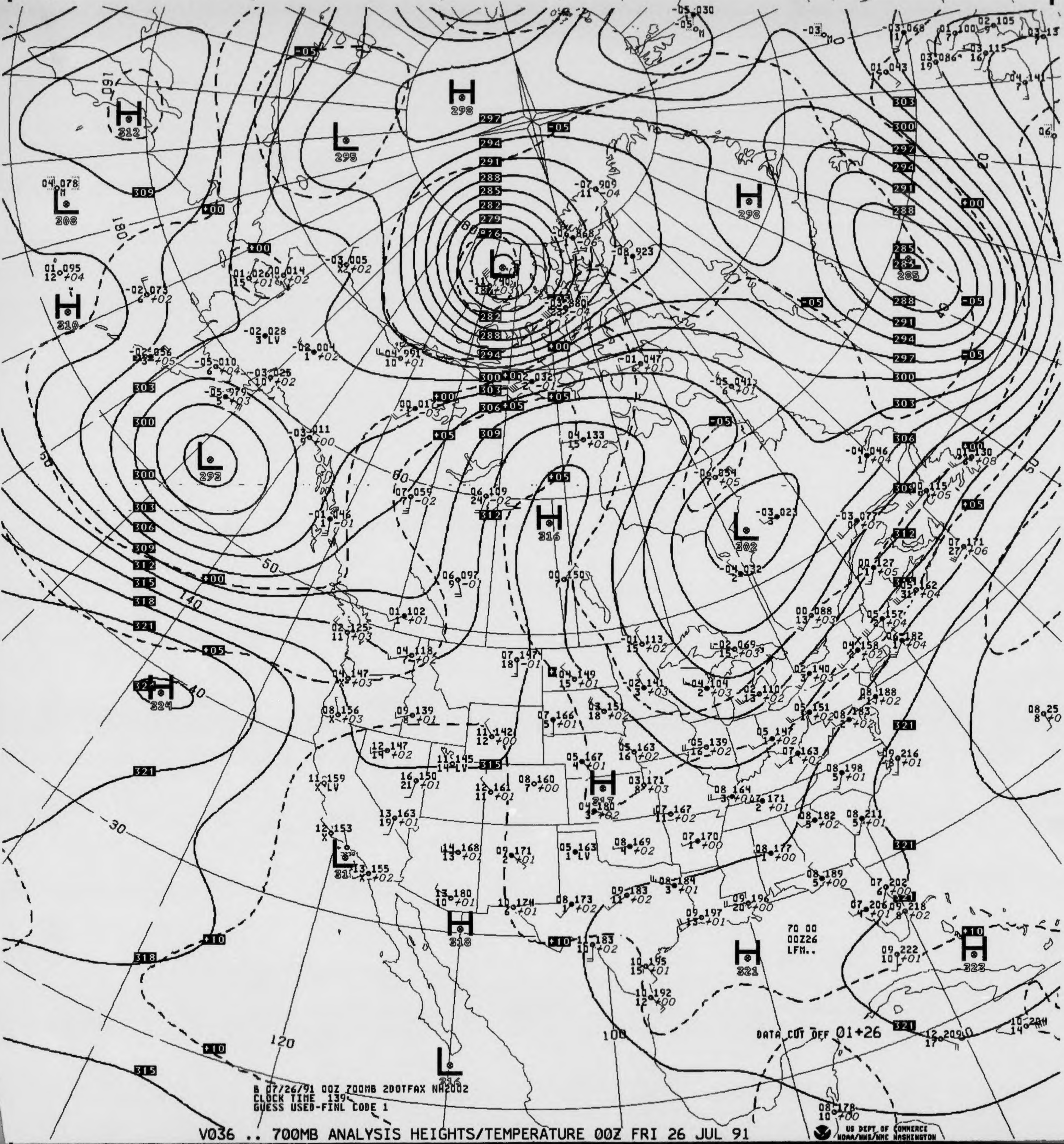

H 309
H 307
L 291
L 15 273
H 301
L 301
H 315
L 294
H 288
L 316
L 317
L 315
H 317
L 315
H 320
L 320
H 321
DATA CUT OFF 01+49
70 00
12Z25
LFM..

B 07/25/91 12Z 700MB 200TFAX NH2002
CLOCK TIME 1406
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 25 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

LAT/LONG 34N119W


H 312
L 295
H 298
L 308
H 310
L 293
L 270
H 298
L 285
H 316
L 302
H 324
H 317
L 31
H 318
H 321
H 323
L 316
160
180
140
120
100
60
50
40
30
-05
+00
+05
+10
297
294
291
288
285
282
279
276
300
303
306
309
312
315
318
321

B 07/26/91 00Z 700MB 2DOTFAX NA2002
CLOCK TIME 139
GUESS USED-FINL CODE 1

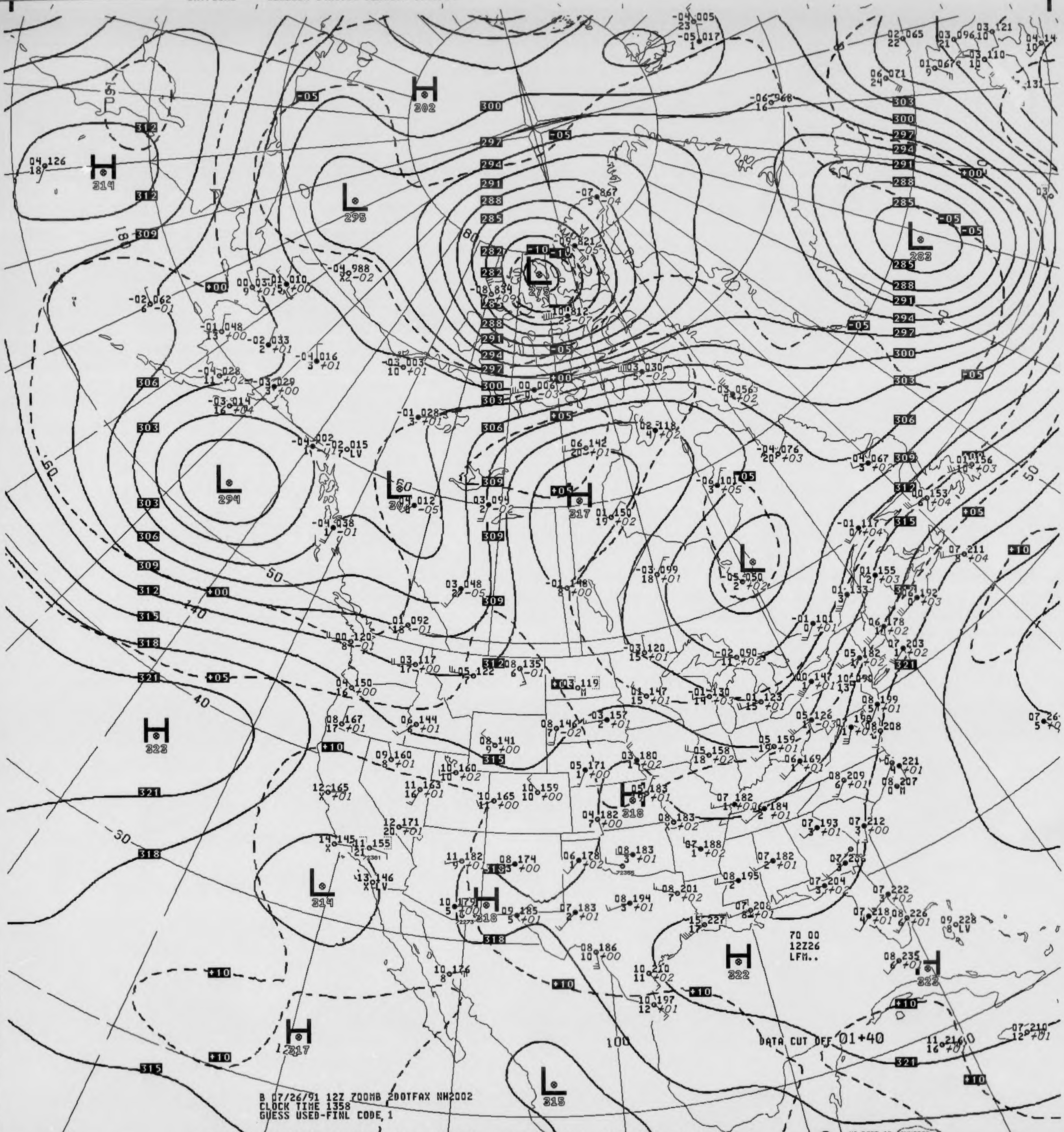
70 00
00Z26
LFM..

DATA CUT OFF 01+26

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 26 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

LAT/LONG 32N106W 34N098W 32N081W 31N110W

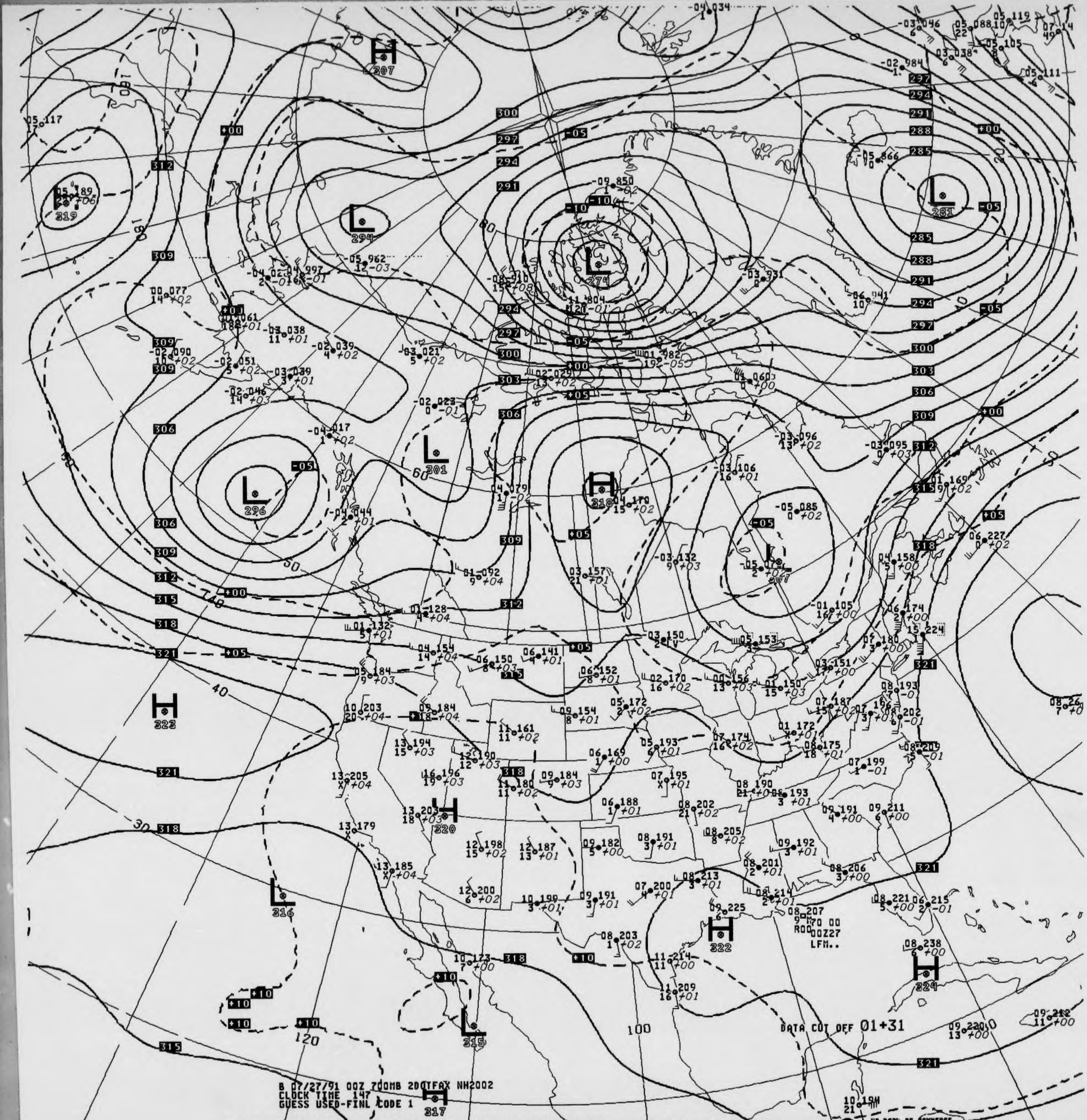

H 302
H 314
L 295
L 275
L 283
L 294
H 317
L 314
H 323
H 318
H 322
H 317
L 315
DATA CUT OFF 01+40

70 00
12Z26
LFM..

B 07/26/91 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1358
GUESS USED-FINL CODE 1

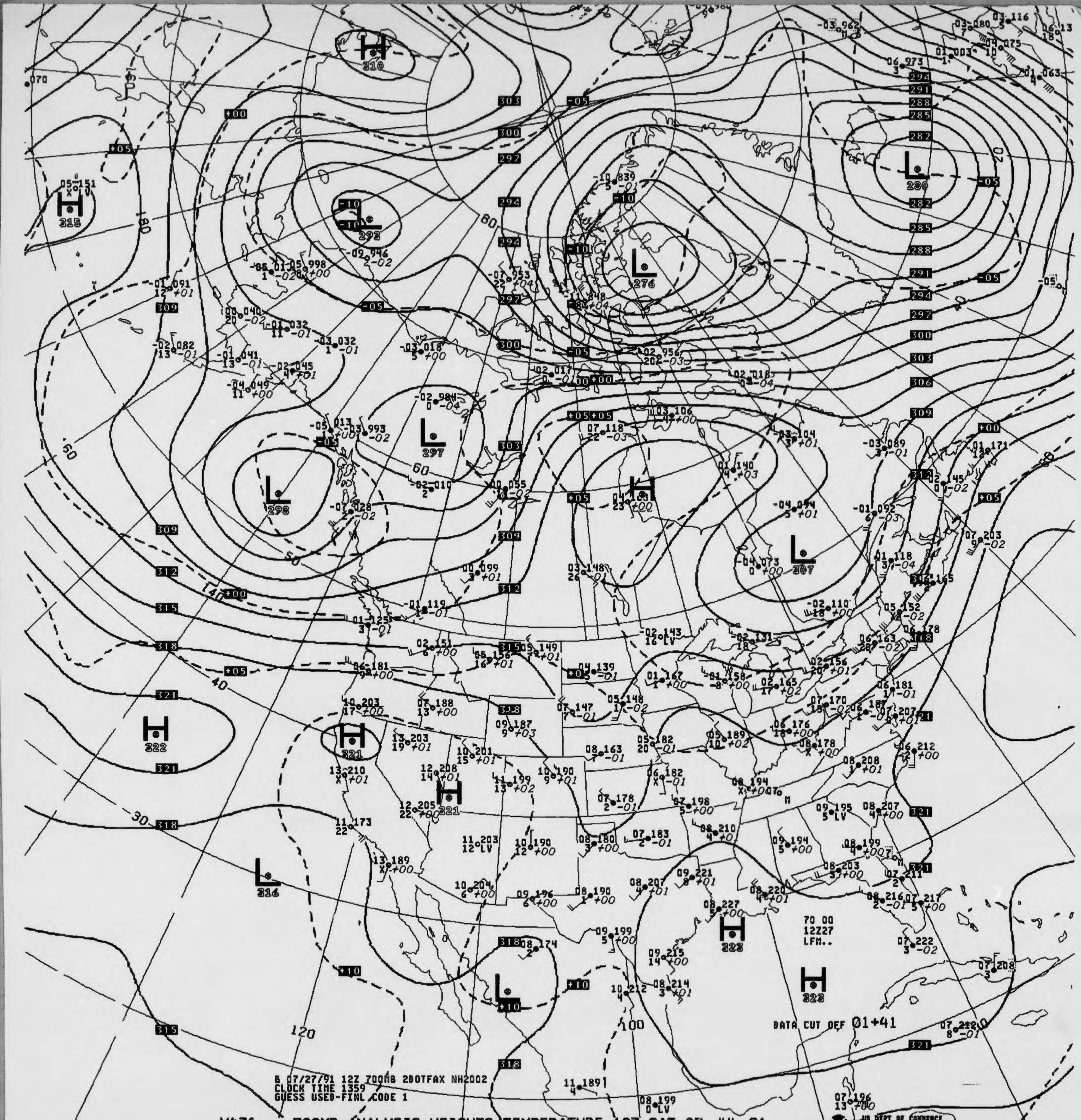
V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 26 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 307
L 294
L 274
L 281
H 319
L 296
L 301
H 318
H 323
H 320
L 316
H 322
H 324
L 315
H 317
DATA CUT OFF 01+31
B 07/27/91 00Z 700MB 200TFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1
00Z27
LFM..

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 27 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
310
H
315
L
293
L
276
L
280
L
297
L
298
H
L
207
H
322
H
321
H
321
L
316
H
323
H
323
L
303
300
297
294
294
297
300
303
306
309
312
315
318
321
294
291
288
285
282
282
285
288
291
294
297
300
303
306
309
312
315
318
321
318
315
+00
+05
-05
-10
+10
180
80
60
50
40
30
140
120
100
20

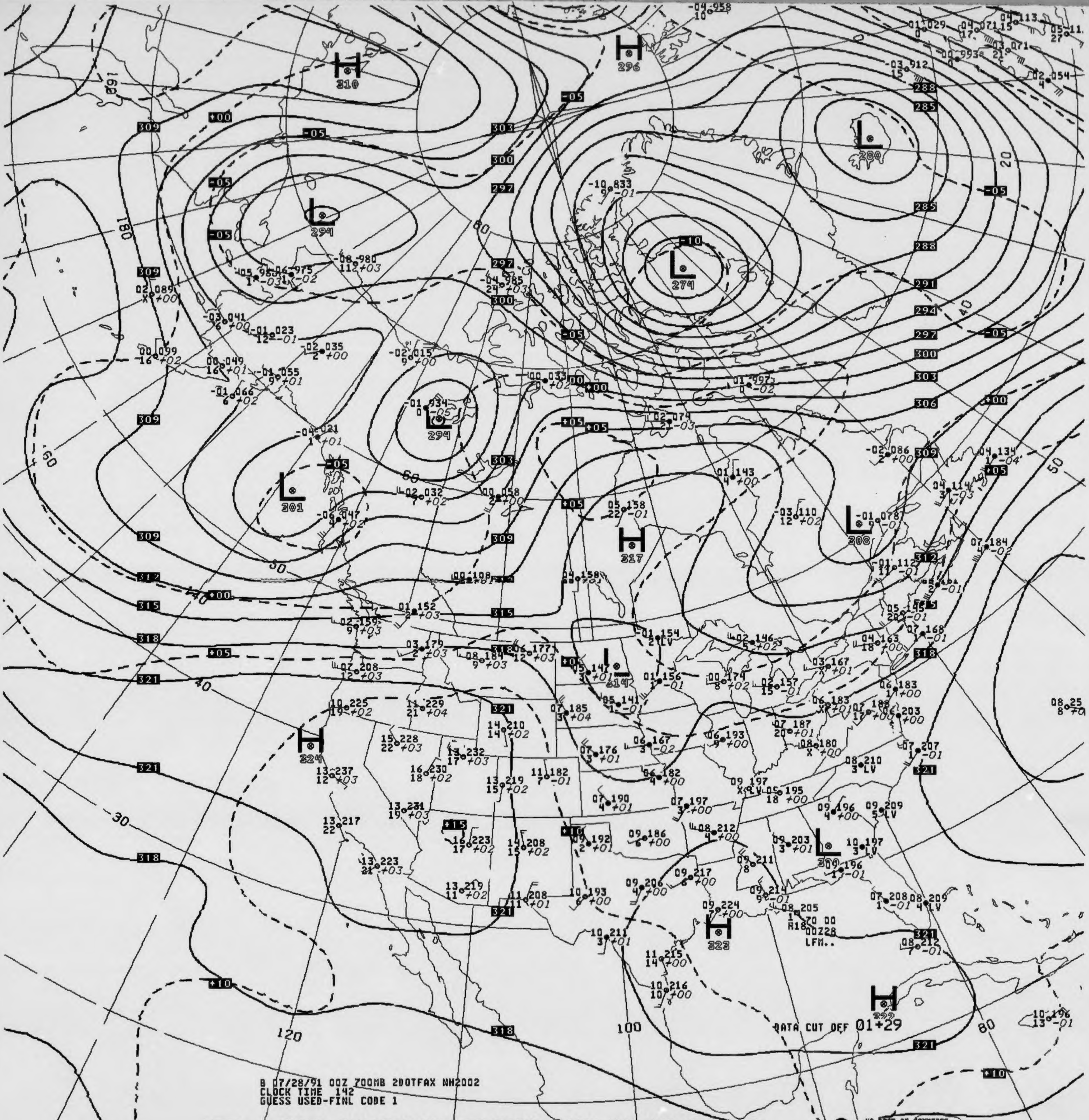
B 07/27/91 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1

DATA CUT OFF 01+41

70 00
12Z27
LFM..

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 27 JUL 91

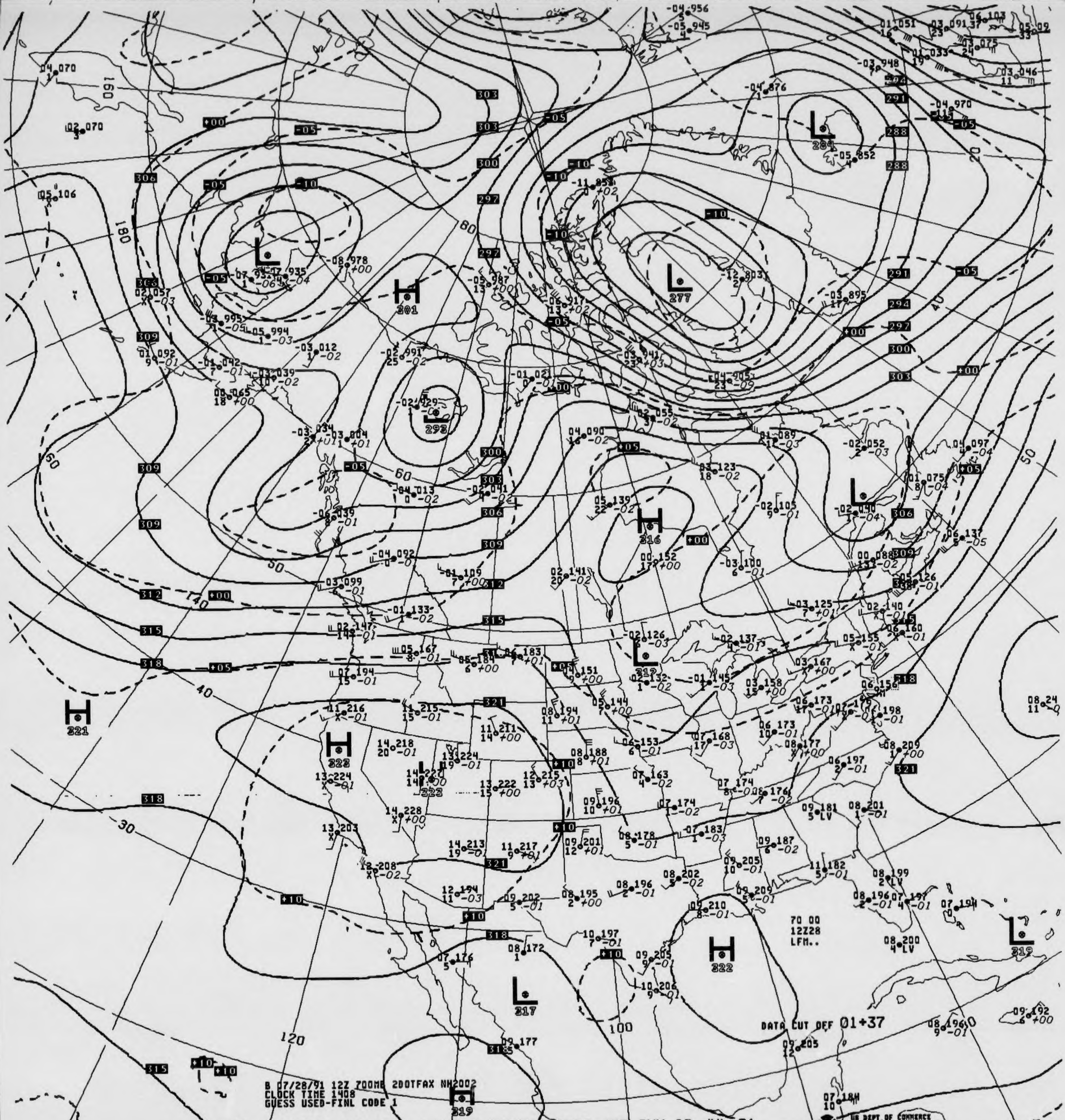
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 310
H 296
L 280
L 294
L 274
L 294
L 301
L 308
H 317
L 314
H 324
H 323
H 322
L 304
DATA CUT OFF 01+29
180
160
140
120
100
80
60
40
30
20
50

B 07/28/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 28 JUL 91

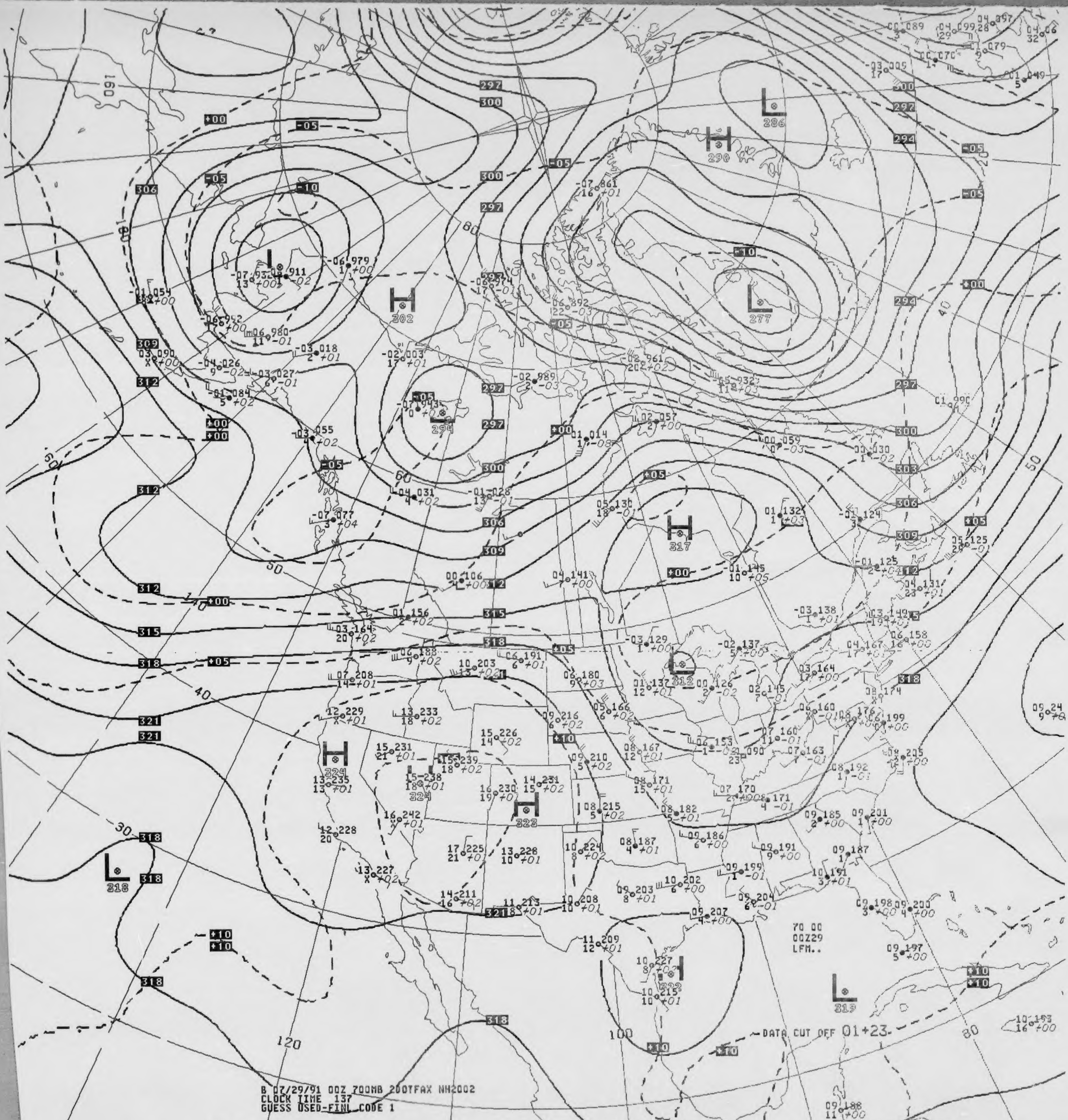
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
284
L
277
L
293
H
301
H
316
L
317
L
L
H
321
H
322
L
323
H
322
L
317
H
319
L
319
70 00
12Z28
LFM..
DATA CUT OFF 01+37
160
180
80
60
50
40
30
120
100
20
40
50
60
140

B 07/28/91 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1408
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 28 JUL 91

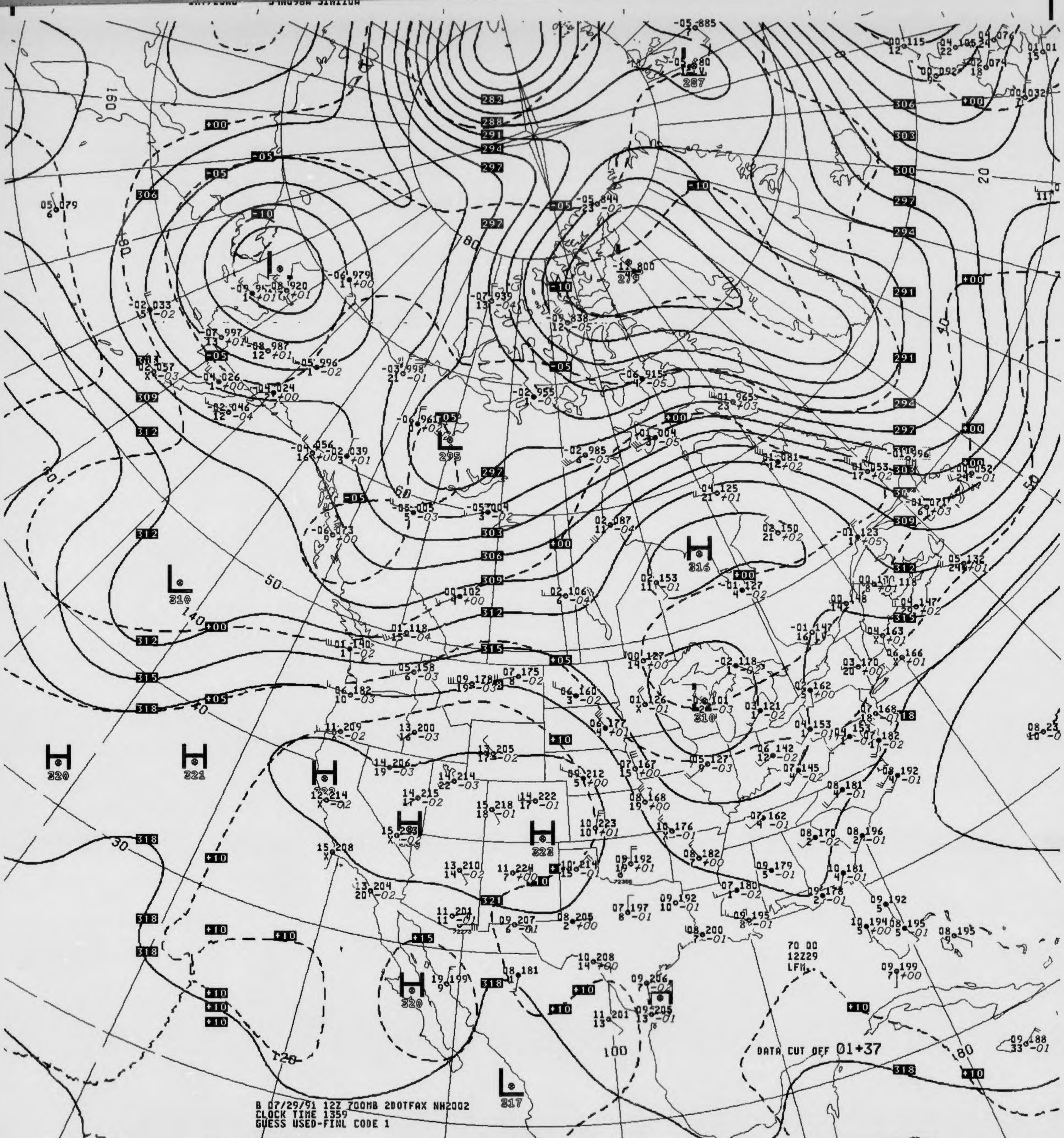
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



DATA CUT OFF 01+23
70 00
00Z29
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 07/29/91 00Z 700MB 200TFAX NH2002
CLOCK TIME 137
GUESS USED-FINL CODE 1

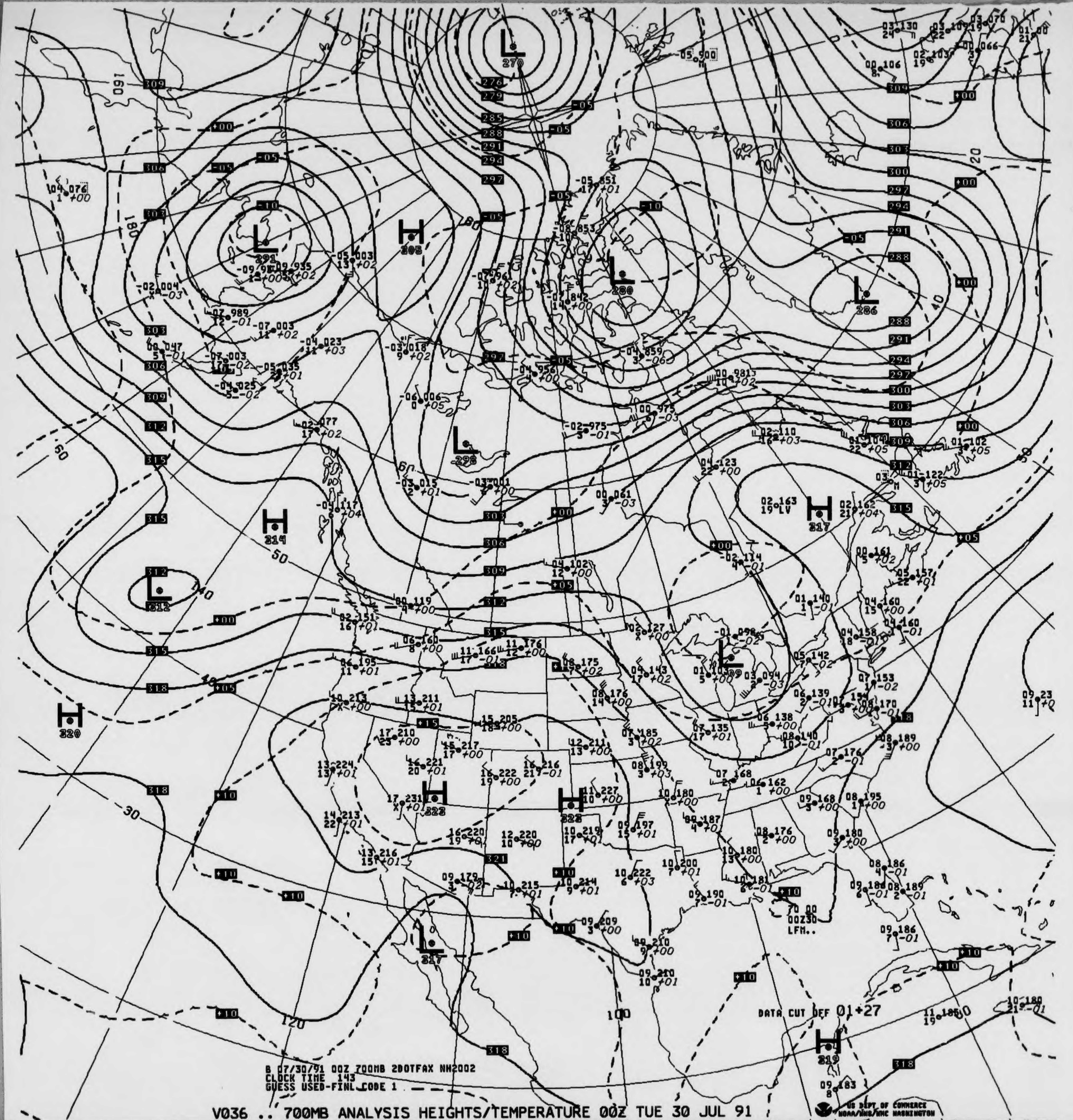
V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 29 JUL 91


282
288
291
294
297
300
303
306
309
312
315
318
321
H 316
H 320
H 321
H 322
H 323
L 287
L 279
L 295
L 310
L 317
DATA CUT OFF 01+37
70 00
12Z29
LFM

B 07/29/91 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 29 JUL 91

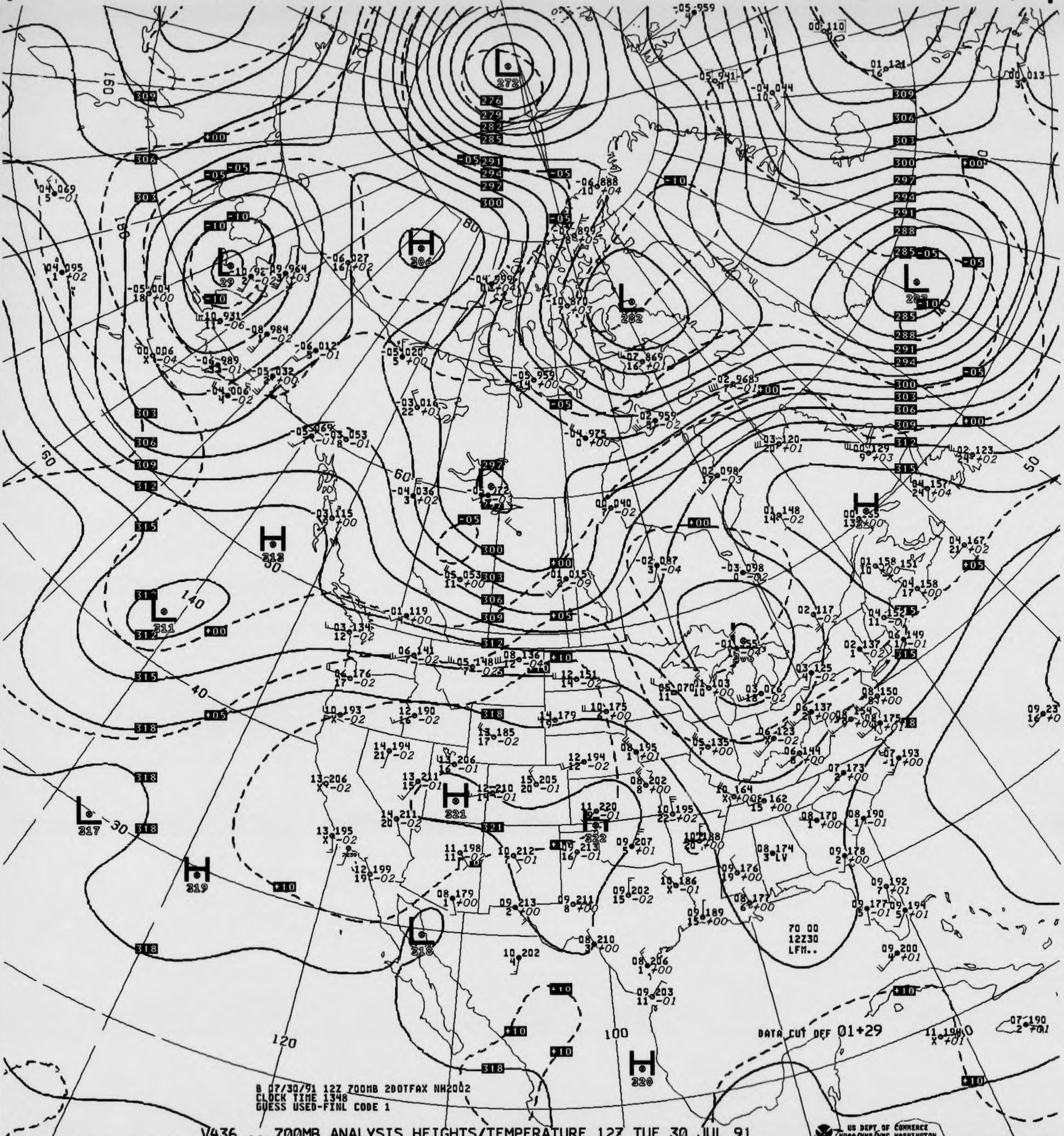
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 270
L 291
H 305
L 280
L 286
L 298
H 314
L 312
H 320
H 317
L 309
H 323
H 323
L 317
H 319
DATA CUT OFF 01+27
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 07/30/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 143
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 30 JUL 91

LAT/LONG 34N119W

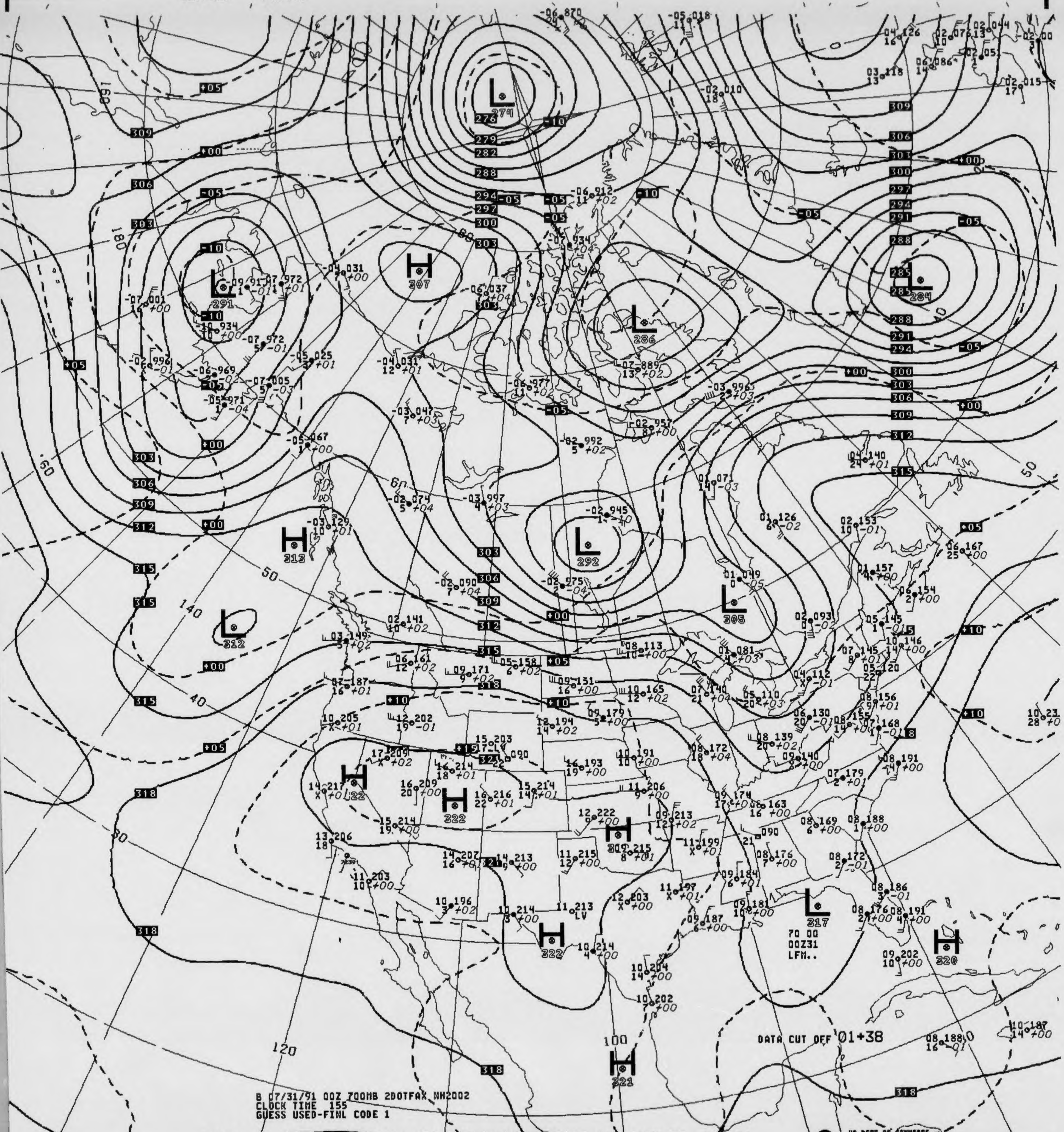

DATA CUT OFF 01+29
70 00
12Z30
LFM..

B 07/30/91 12Z 700MB 2DOTFAX NH2002
CLOCK TIME 1348
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 30 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

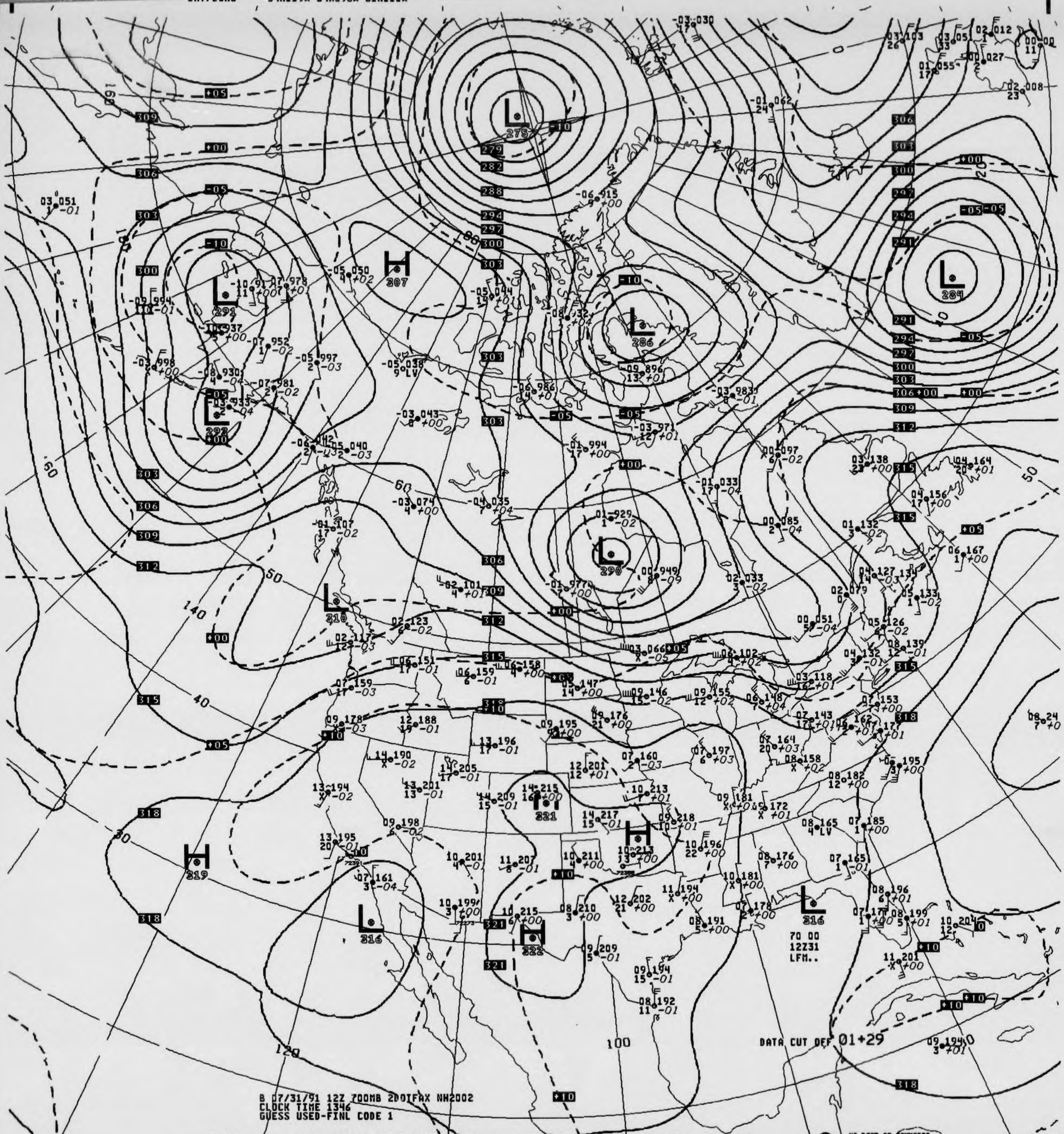
LAT/LONG 34N119W


DATA CUT OFF 01+38
70 00
00Z31
LFM..
H
307
H
312
H
322
H
320
H
321
L
274
L
291
L
286
L
284
L
292
L
305
L
312
L
317

B 07/31/91 00Z 700MB 2DOTFAX NH2002
CLOCK TIME 155
GUESS USED-FINL CODE 1

V036 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 31 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+29
70 00
12Z31
LFM..
L
H
275
286
284
291
292
298
310
316
319
321
322
307
60
50
40
30
140
120
100

B 07/31/91 12Z 700MB 2001FAX NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1

V436 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 31 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

(Rev. 8-83)

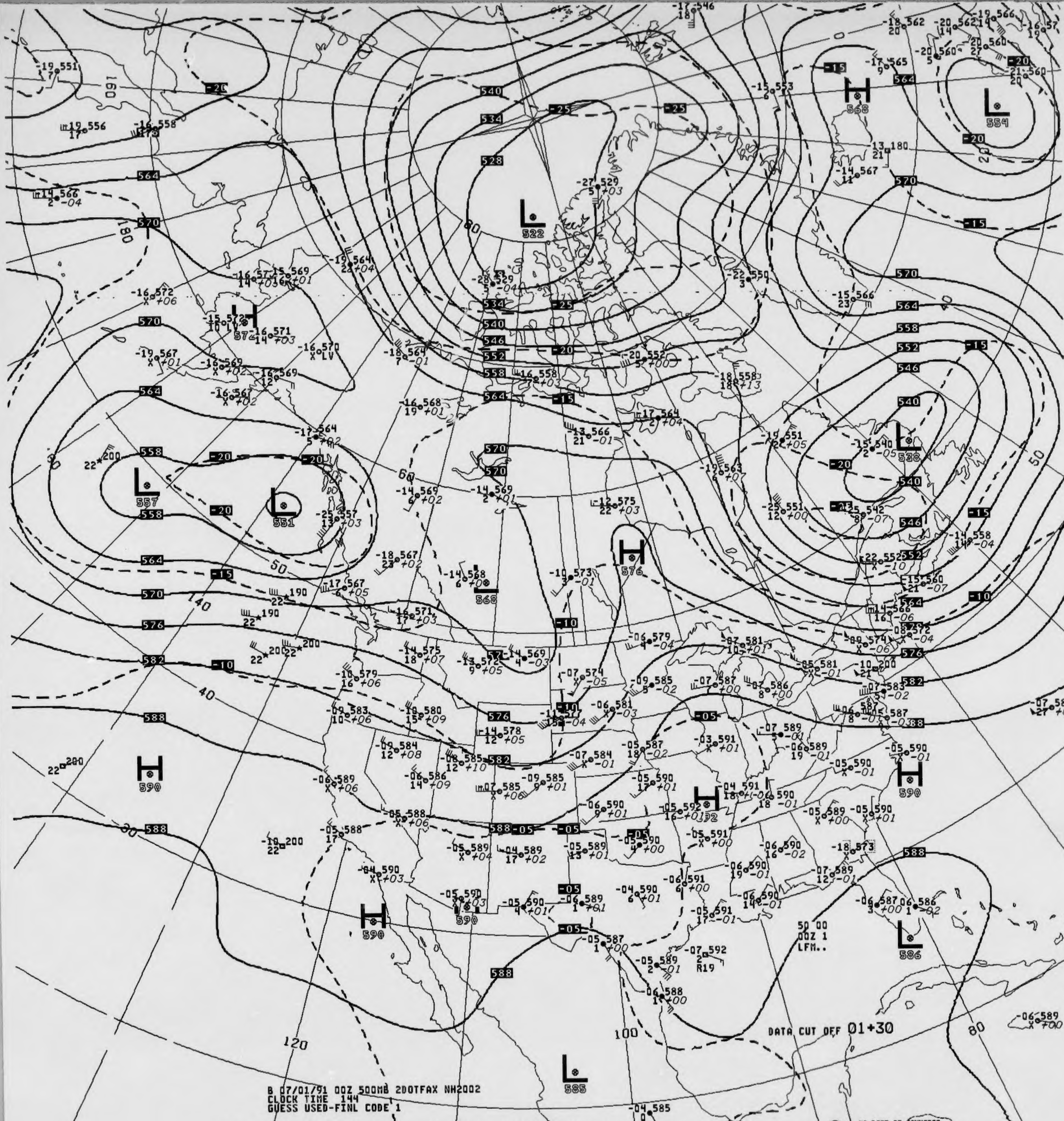
National Environmental Satellite, Data, and Information S
National Climatic Data Center

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

500 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING

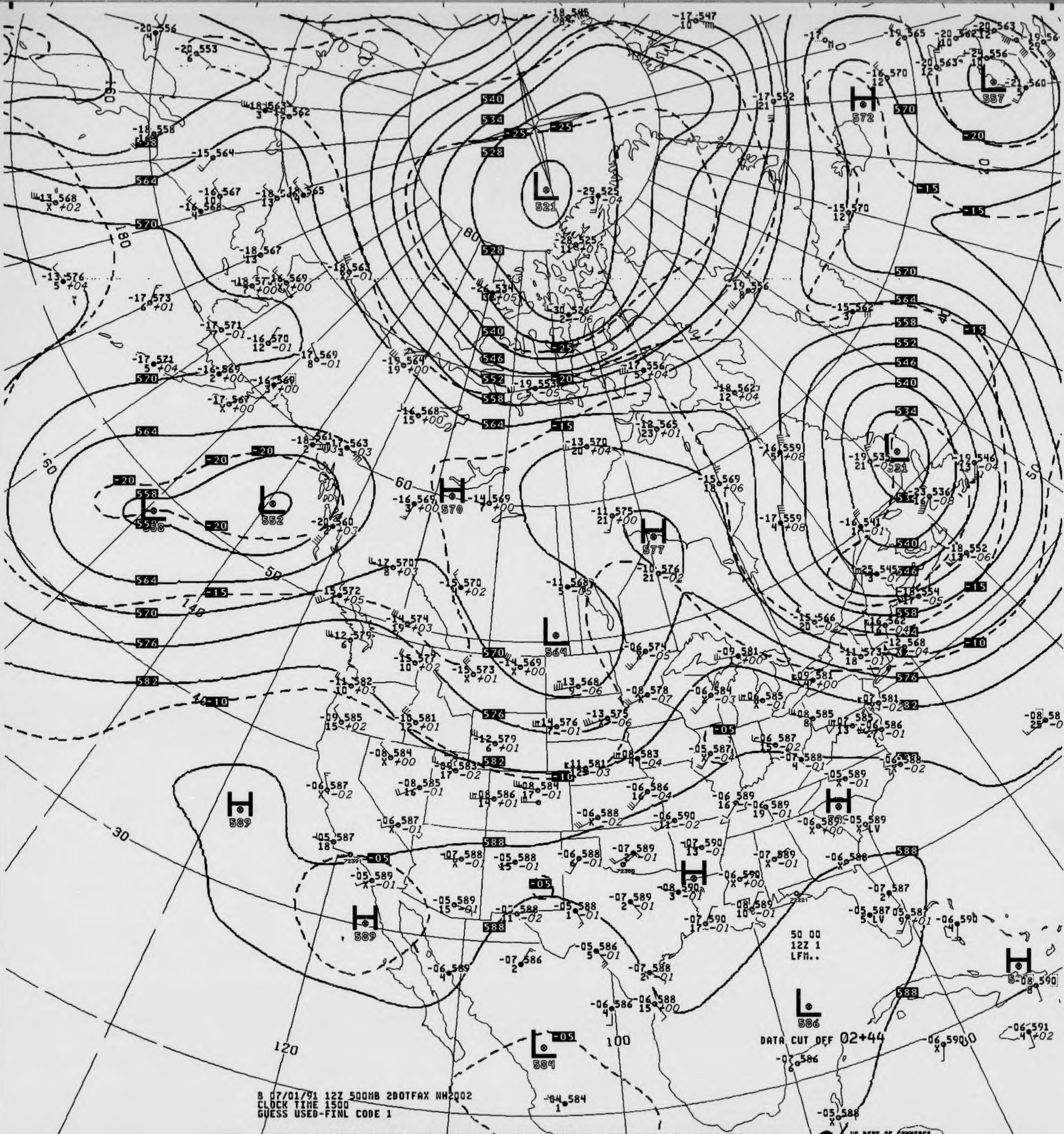

L 522
L 557
L 551
L 554
L 538
L 586
L 585
H 568
H 572
H 576
H 590
H 590
H 592
H 590
H 590
L 568
50 00
00Z 1
LFM..
R19

B 07/01/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 144
GUESS USED-FINL CODE 1

DATA CUT OFF 01+30

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 1 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 521
L 557
H 572
L 531
H 577
H 570
L 552
L 558
L 564
H 589
H 589
H 589
H 590
L 586
L 584
540
534
528
546
552
558
564
570
576
582
588
-25
-20
-15
-10
-05

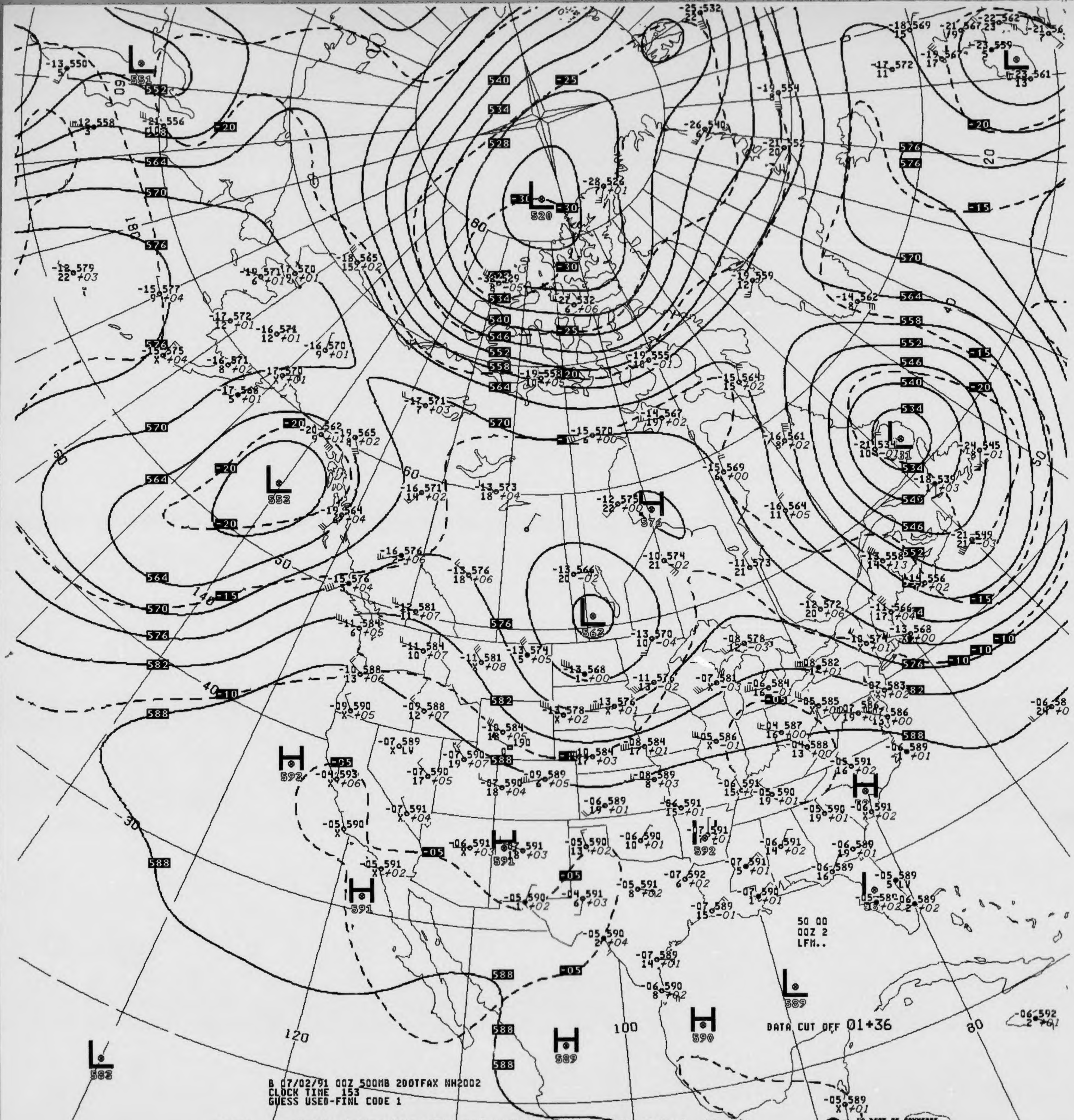
B 07/01/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1500
GUESS USED-FINL CODE 1

50 00
12Z 1
LFM..

DATA CUT OFF 02+44

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 1 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 551
L 520
L 553
L 563
L
H 576
H 592
H 591
H 591
H 592
H
L
L 589
H 590
H 589
L 582
540
534
528
546
552
558
564
570
576
582
588
-30
-25
-20
-15
-10
-05
180
160
140
120
100
80
60
50
40
30
20

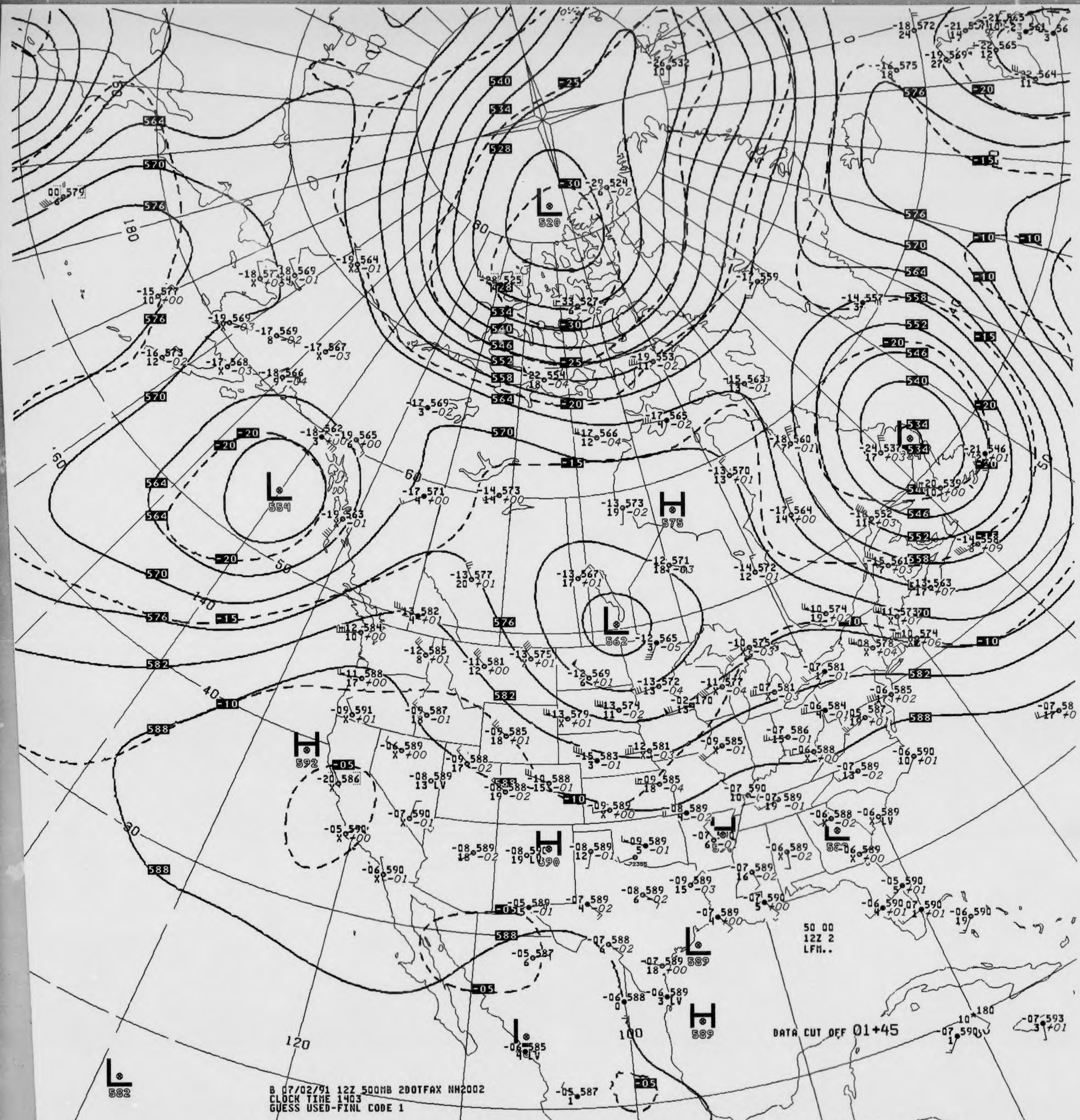
B 07/02/91 00Z 500MB 200TFAX NH2002
CLOCK TIME 153
GUESS USED-FINL CODE 1

50 00
00Z 2
LFM..

DATA CUT OFF 01+36

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

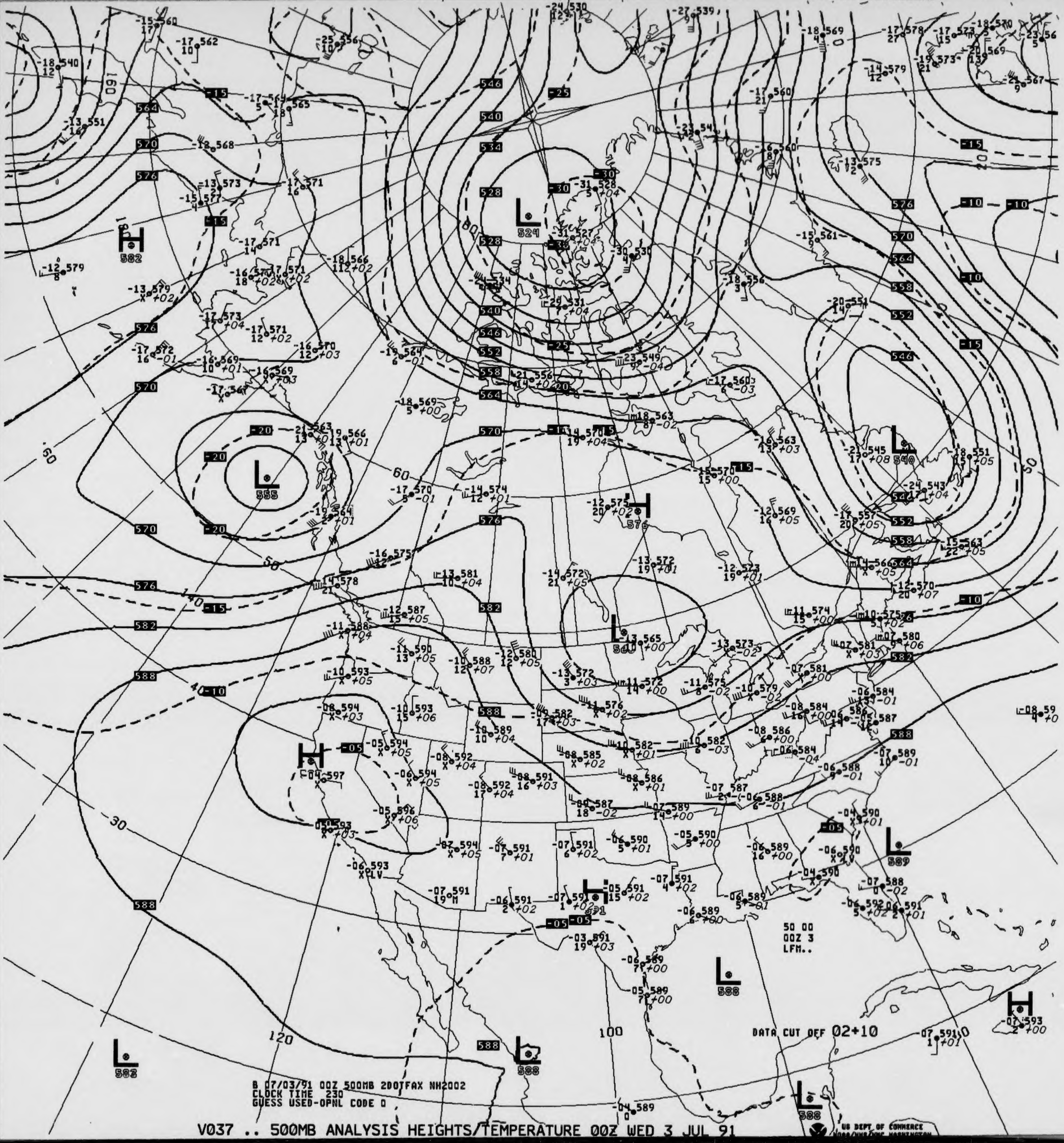
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 2 JUL 91



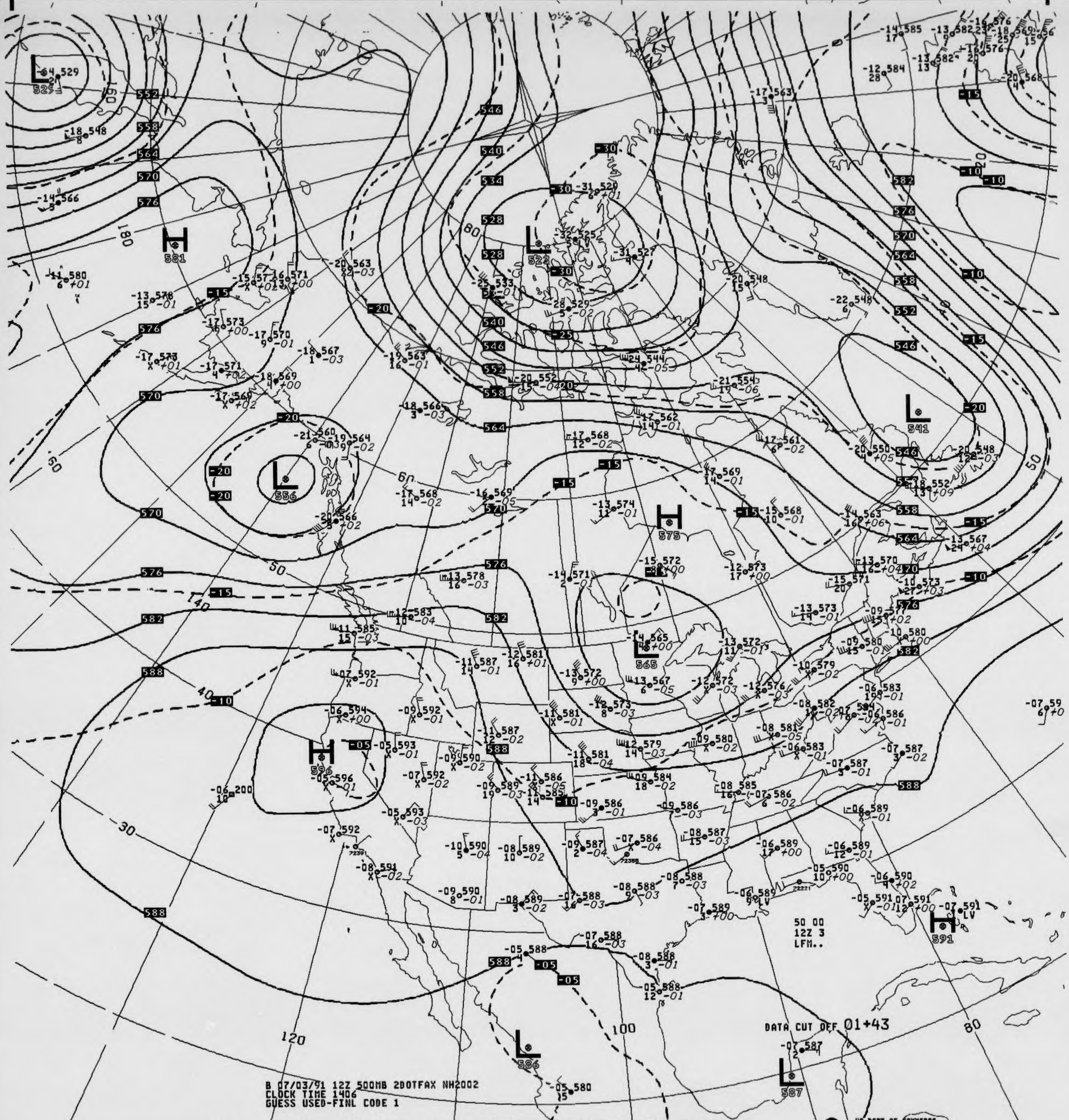
B 07/02/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1403
GUESS USED-FINL CODE 1
DATA CUT OFF 01+45
50 00
12Z 2
LFM..
L 520
L 554
L 562
H 575
H 592
H 590
H 589
L 589
L 582
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 2 JUL 91

500MB


B 07/03/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 230
GUESS USED-OPNL CODE 0
DATA CUT OFF 02+10
50 00
00Z 3
LFM..
US DEPT OF COMMERCE
L 524
L 555
L 540
L 560
L 588
L 583
H 582
H 576
H 591
H 593
528
534
540
546
552
558
564
570
576
582
588
-30
-25
-20
-15
-10
-05
160
140
120
100
80
60
50
40
30

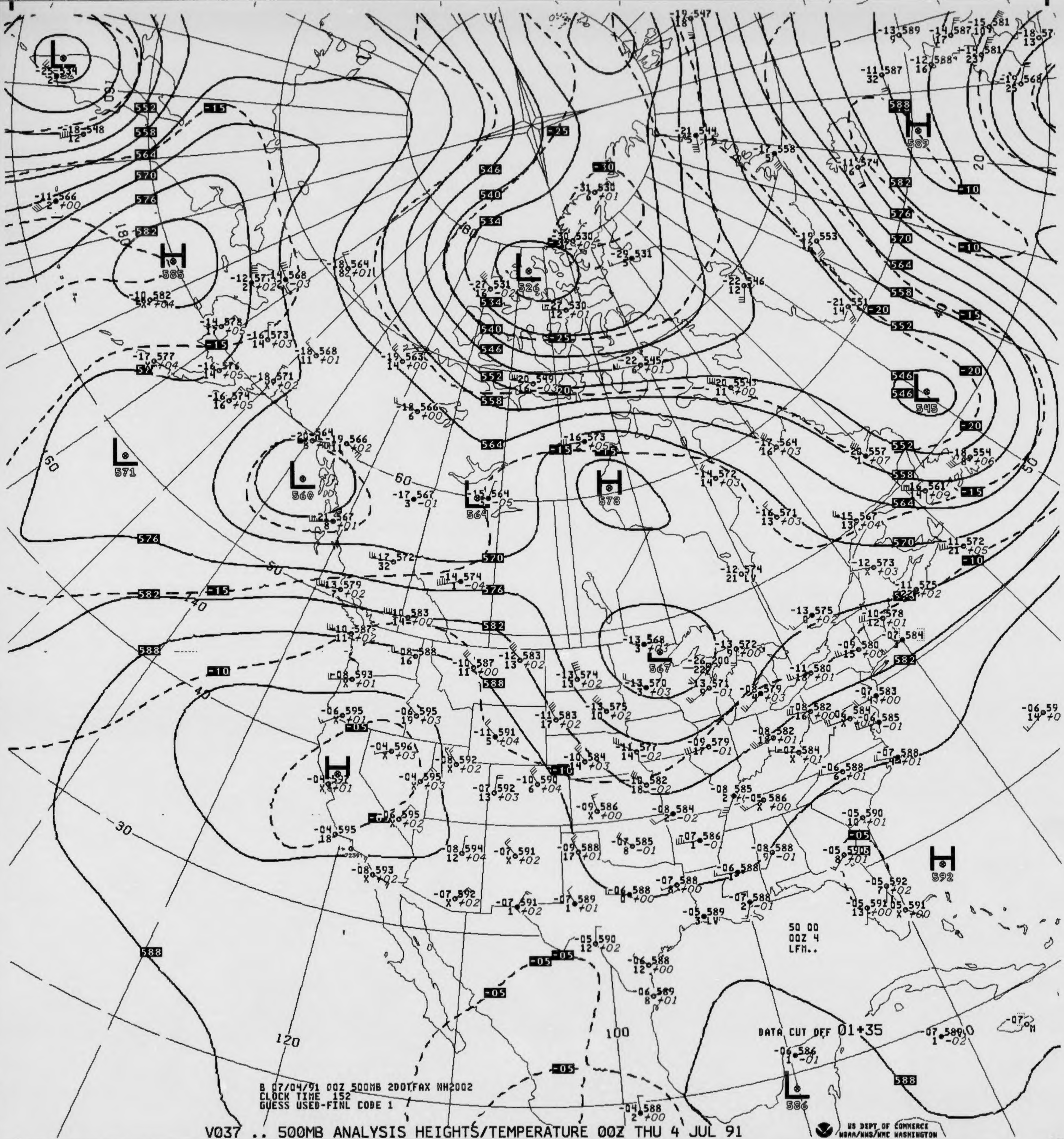
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 3 JUL 91


L 525
H 581
L 523
L 541
L 556
H 575
L 565
H 596
H 591
L 586
L 587
DATA CUT OFF 01+43
50 00
12Z 3
LFM..

B 07/03/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1406
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 3 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
585
L
571
L
560
L
564
L
526
H
578
L
567
H
589
L
545
H
592
L
586
120
100
30
40
60
140
180

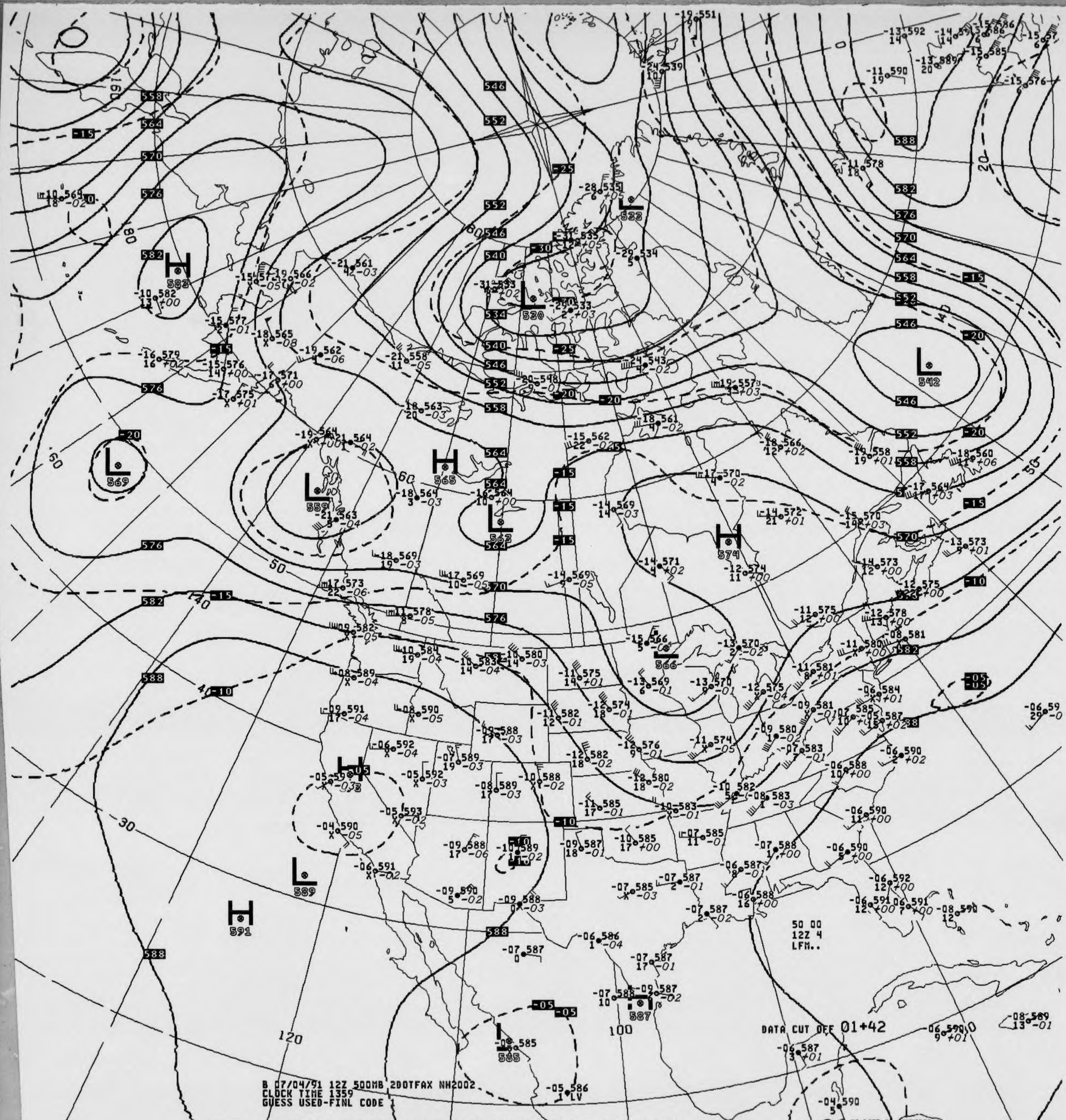
50 00
00Z 4
LFM..

DATA CUT OFF 01+35

B 07/04/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 152
GUESS USED-FINL CODE 1

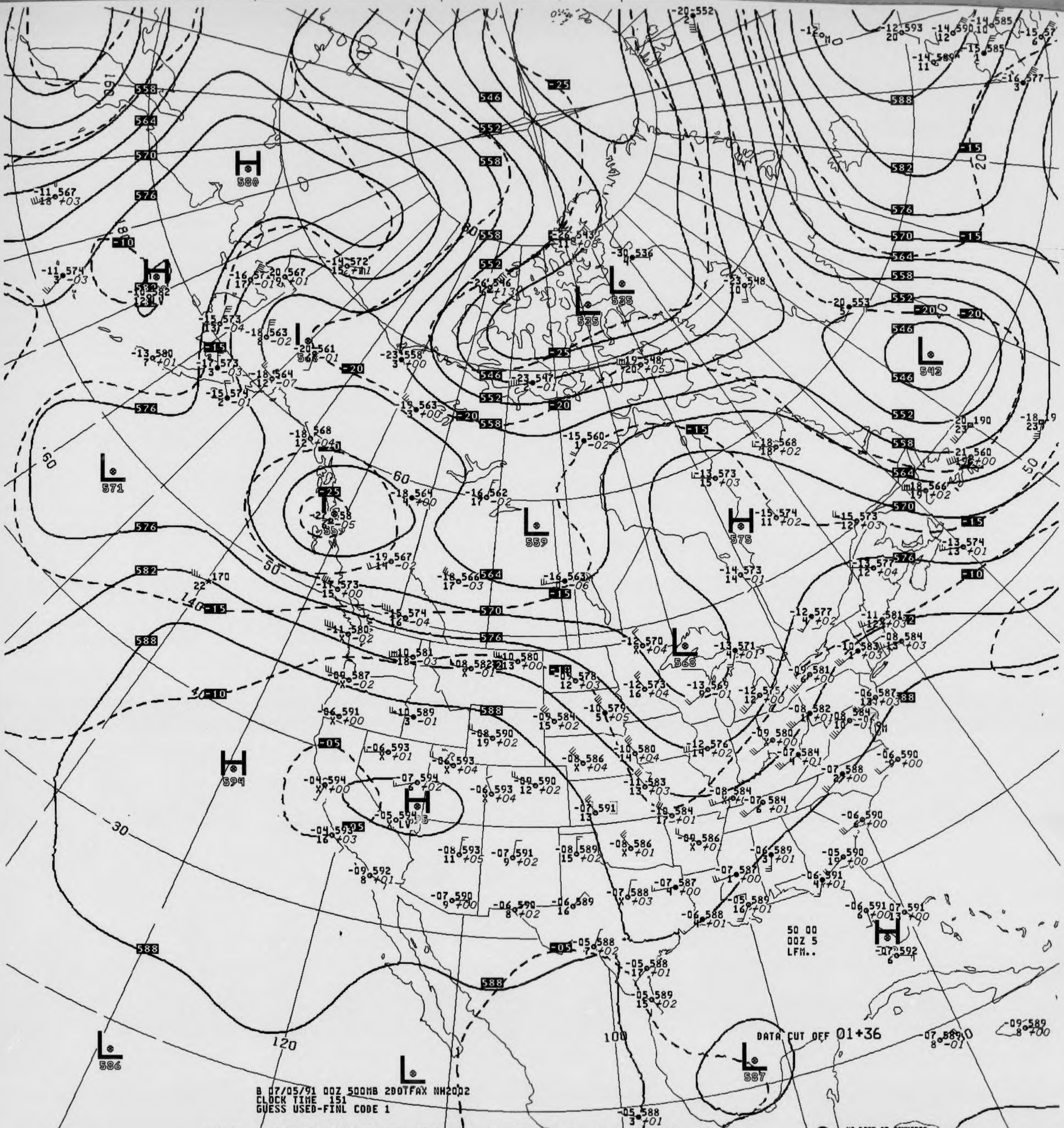
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 4 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/04/91 12Z 500MB 200TFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1
DATA CUT OFF 01+42
50 00
12Z 4
LFM..

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 4 JUL 91

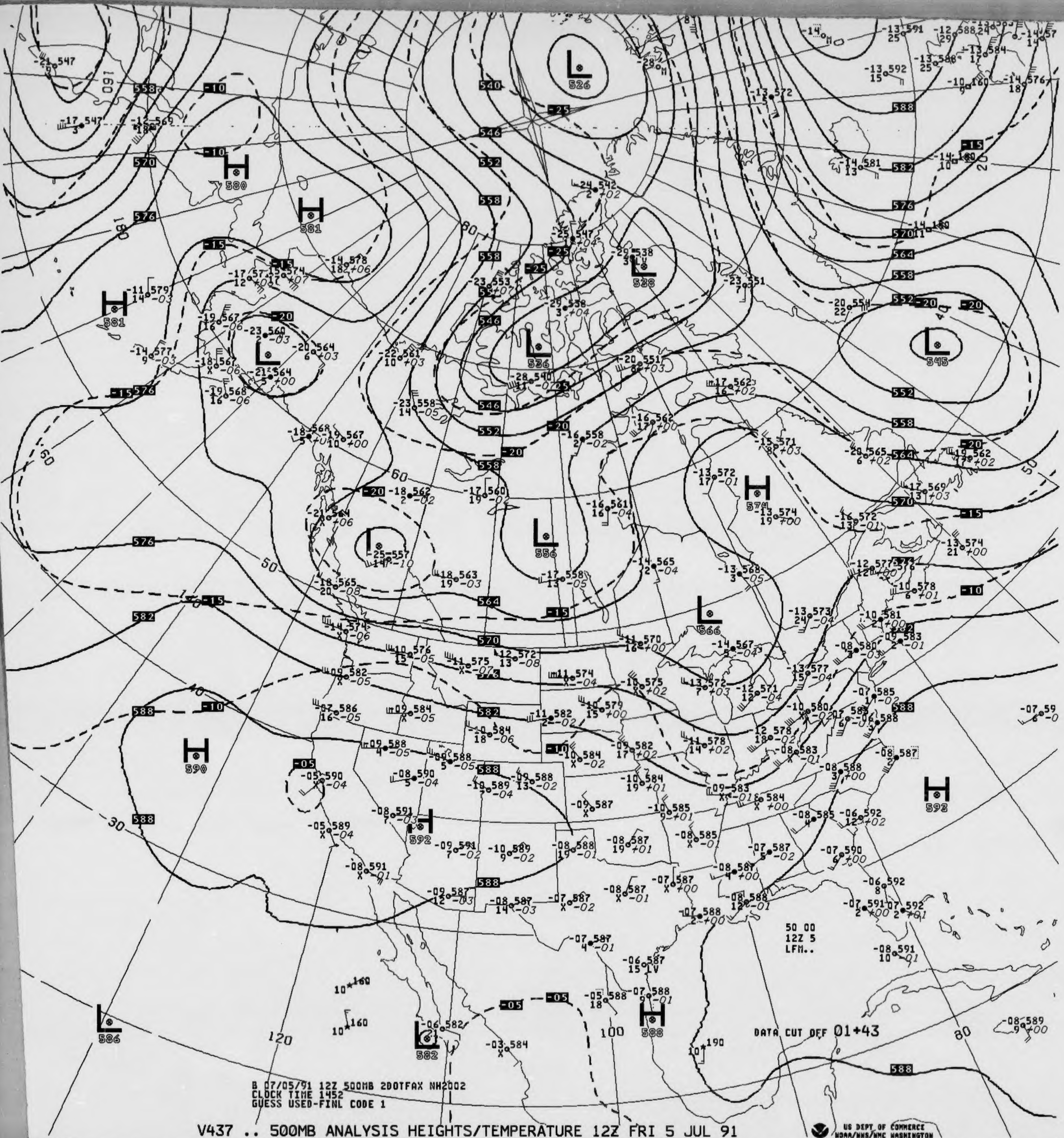
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 580
H 594
H 575
H
L 571
L 559
L 568
L 535
L 525
L 543
L 586
L 587
L
DATA CUT OFF 01+36
50 00
00Z 5
LFM..

B 07/05/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 151
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 5 JUL 91

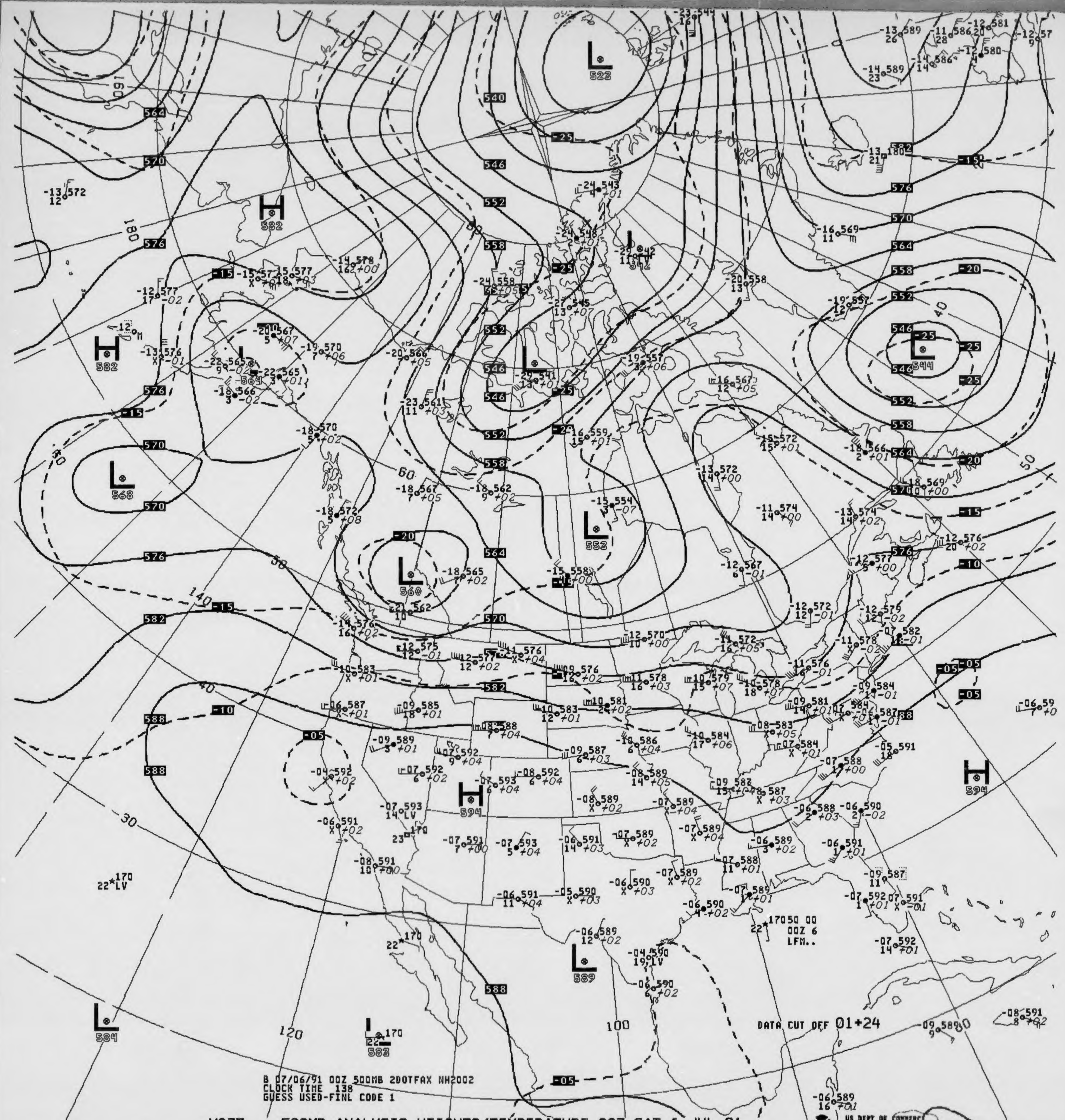
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 580
H 581
H 581
L 526
L 528
L 536
L 545
L 556
L 566
H 574
H 590
H 592
H 592
H 588
L 586
L 582
50 00
12Z 5
LFM..
DATA CUT OFF 01+43

B 07/05/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1452
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 5 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

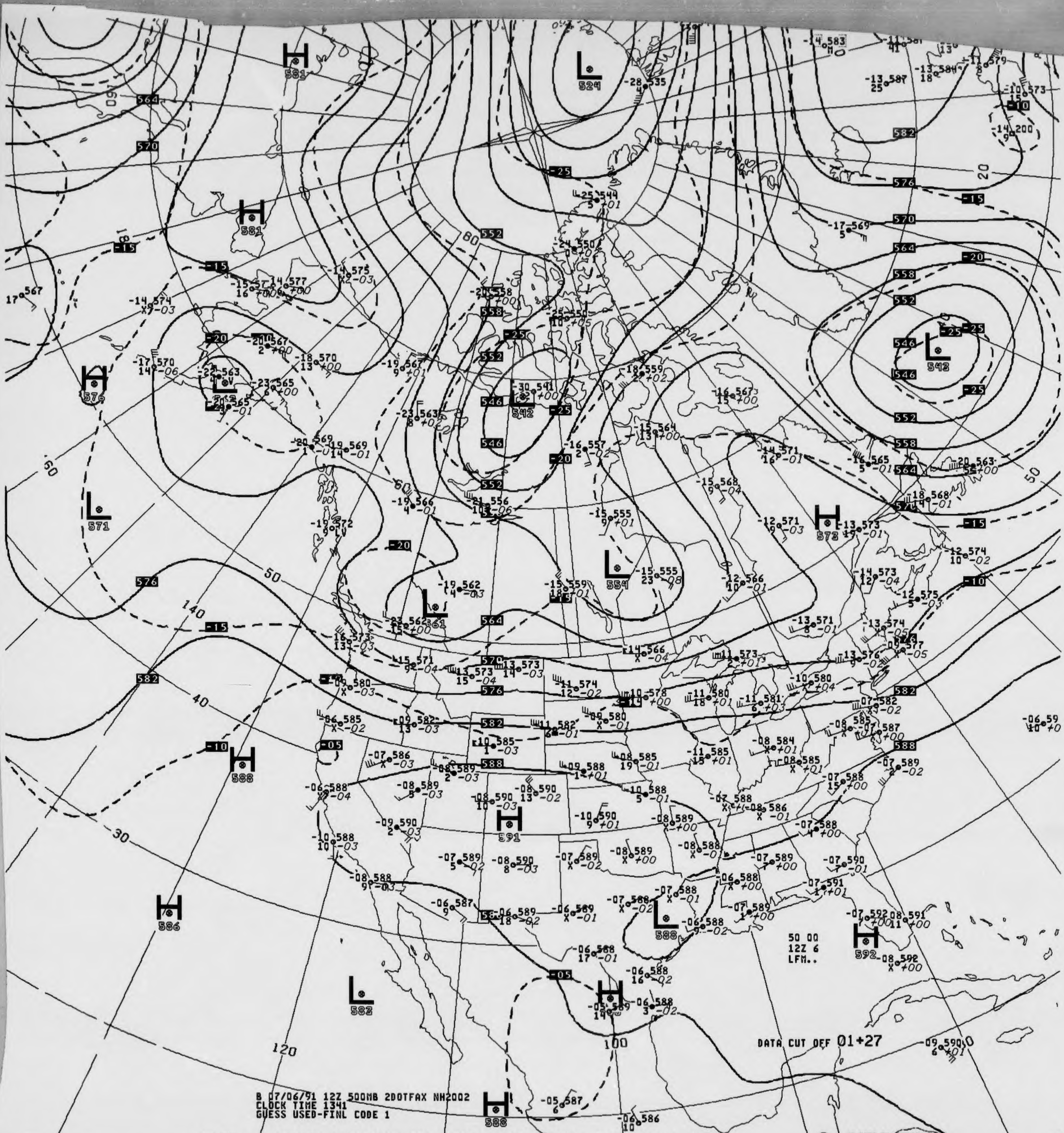

L 523
L 544
L 568
L 560
L 552
L 589
L 584
L 583
H 582
H 582
H 594
H 594
L 542
546
552
558
564
570
576
582
588
-25
-20
-15
-10
-05
180
160
140
120
100
60
50
40
30
50 00
00Z 6
LFM..

B 07/06/91 00Z 500MB 20OTFAX NH2002
CLOCK TIME 138
GUESS USED-FINL CODE 1

DATA CUT OFF 01+24

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 6 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 581
H 581
L 529
L 542
L 542
L 554
L 571
L 561
H 576
H 573
H 588
H 591
L 588
H 586
L 583
H 592
H 588
H 588
564
570
576
582
588
552
558
546
-25
-20
-15
-10
-05
60
50
40
30
20
80
140
120
100

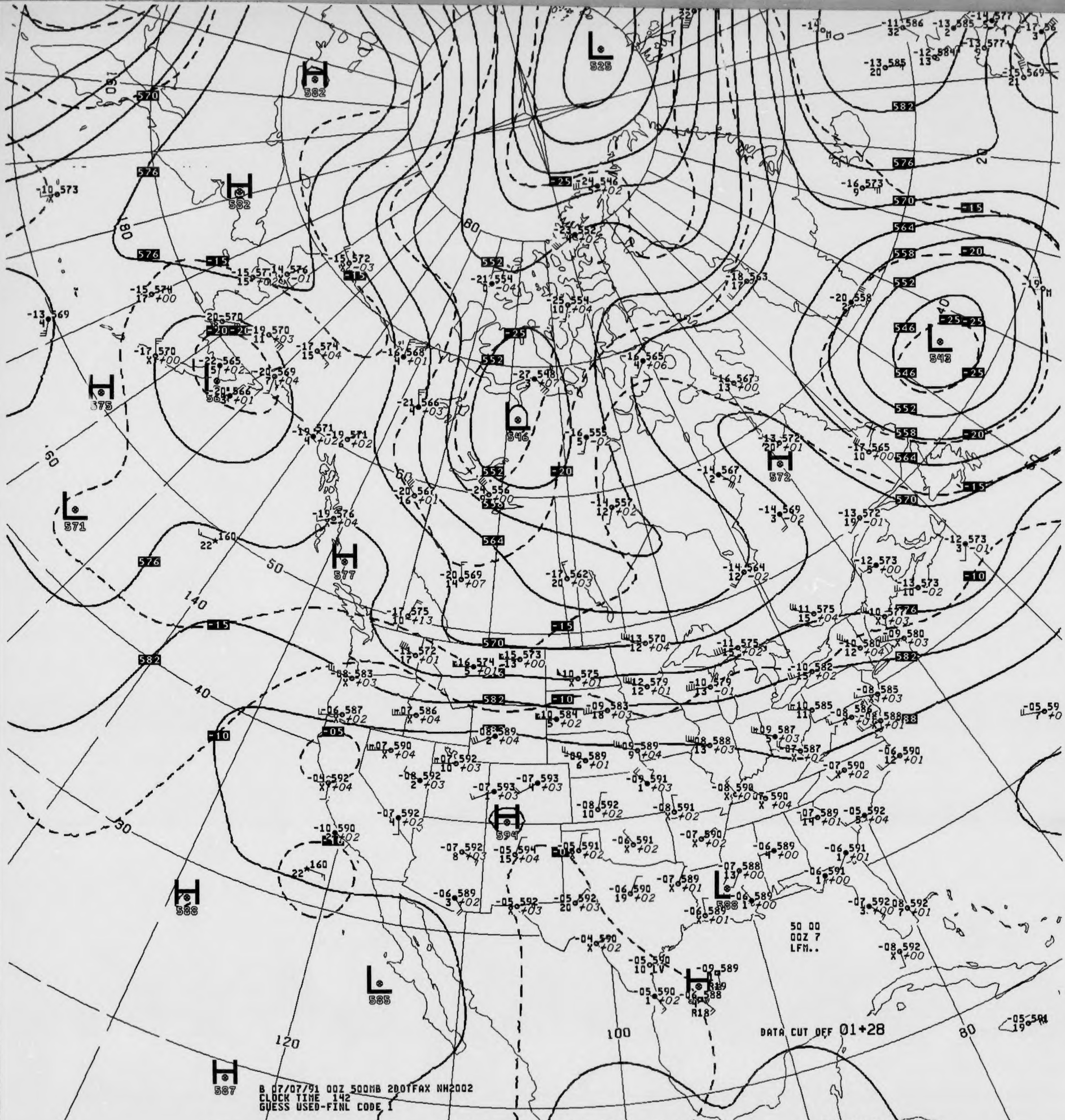
B 07/06/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1341
GUESS USED-FINL CODE 1

50 00
12Z 6
LFM..

DATA CUT OFF 01+27

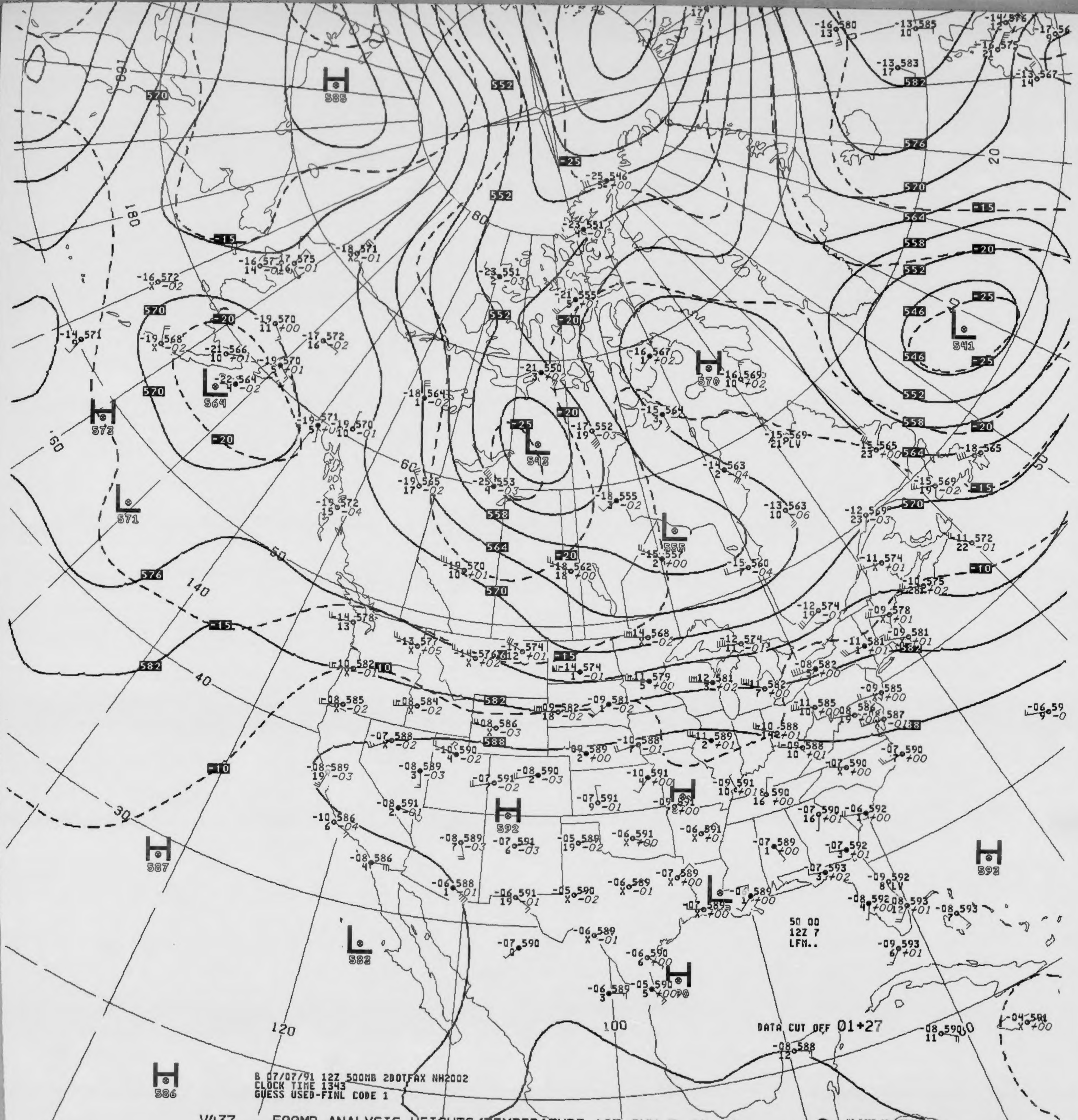
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 6 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 525
H 582
H 582
H 575
L 563
L 571
H 577
L 546
L 543
H 572
H 594
L 588
H 588
L 585
H 587
582
576
570
564
558
552
546
-25
-20
-15
-10
-05
180
160
140
120
100
80
60
50
40
30
DATA CUT OFF 01+28
50 00
00Z 7
LFM..
B 07/07/91 00Z 500MB 2D0TFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 7 JUL 91

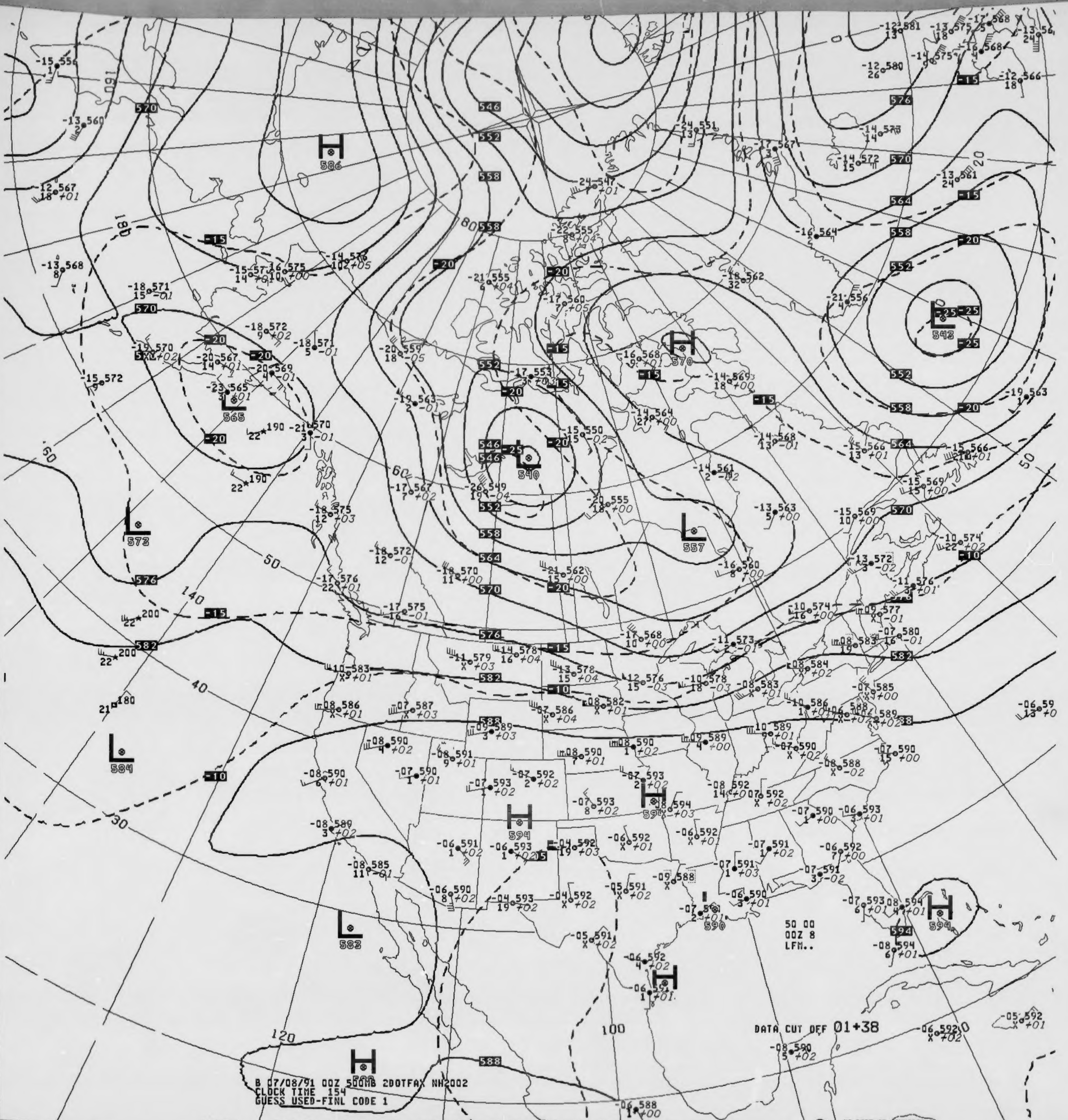
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 585
H 573
L 564
L 571
L 543
L 555
H 570
L 541
H 592
H 587
L 583
H 593
H 590
H 586
DATA CUT OFF 01+27
50 00
12Z 7
LFM..

B 07/07/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1343
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 7 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 586
L 565
L 573
L 584
L 583
H 590
H 570
L 540
L 557
L 542
H 594
H 594
H 594
H 590
570
576
582
588
546
552
558
564
-15
-20
-25
-10
180
160
140
120
100
80
60
50
40
30
20

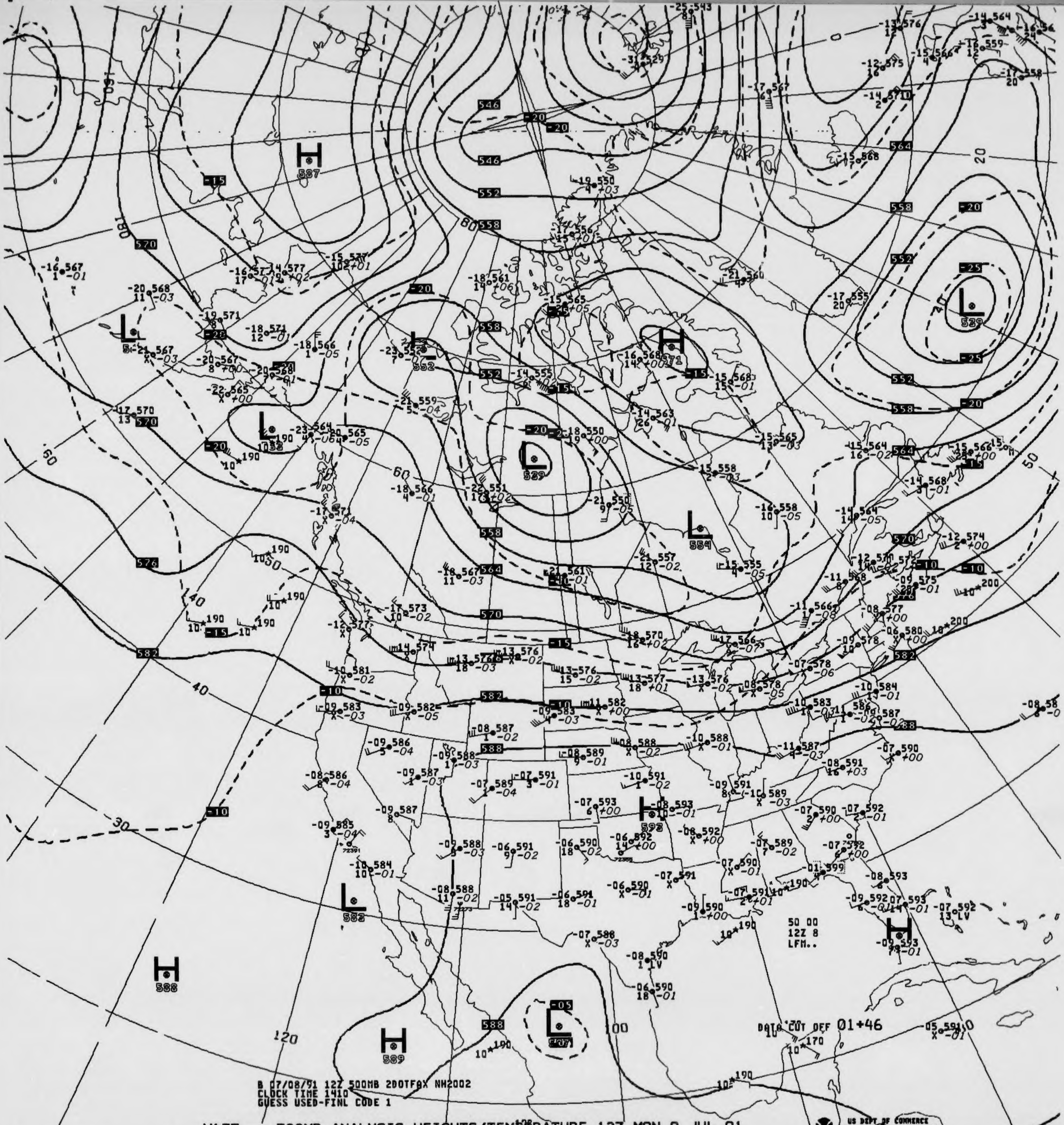
B 07/08/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 154
GUESS USED-FINL CODE 1

50 00
00Z 8
LFM..

DATA CUT OFF 01+38

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 8 JUL 91

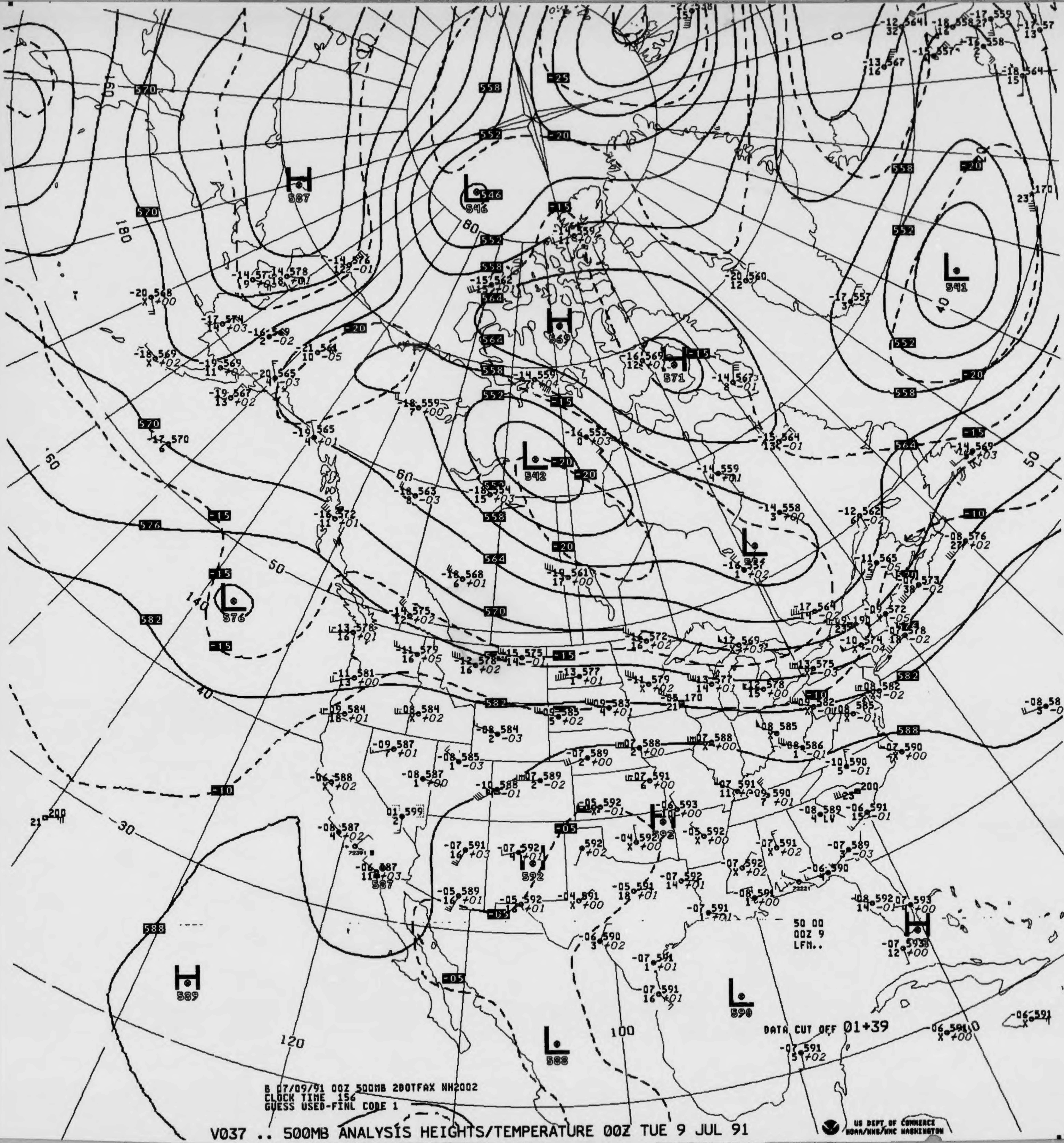
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 587
L 529
L 539
H 571
L 554
L 582
H 588
H 589
H 592
H 593
DATA CUT OFF 01+46
50 00
12Z 8
LFM..

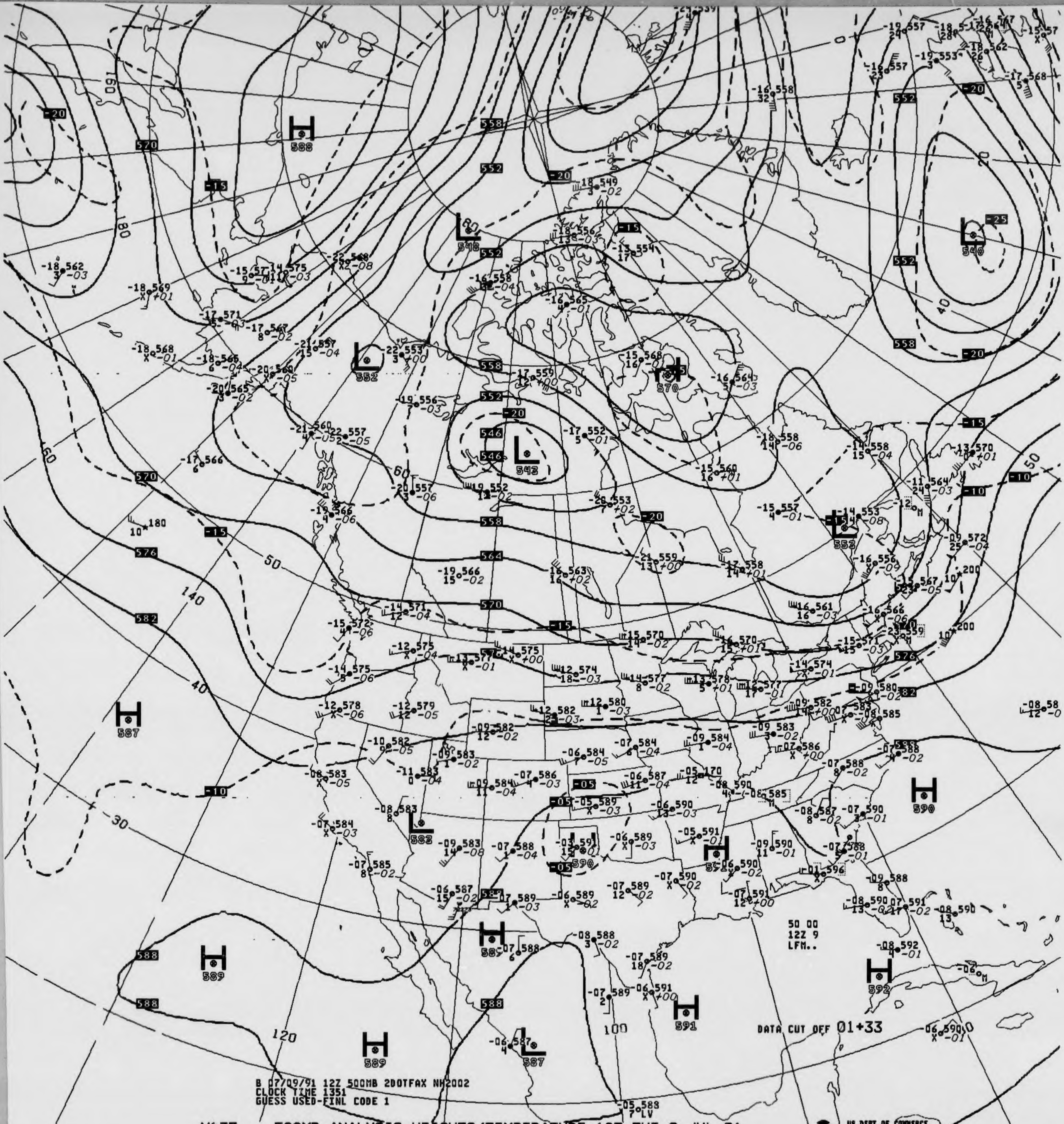
B 07/08/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1410
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 8 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/09/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 156
GUESS USED-FINL CODE 1
DATA CUT OFF 01+39
50 00
00Z 9
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H 587
L 546
L 541
H 569
H 571
L 542
L 576
H 589
L 588
L 590
H 592
H 593
552
558
564
570
576
582
588
-25
-20
-15
-10
-05
180
160
140
120
100
80
60
50
40
30

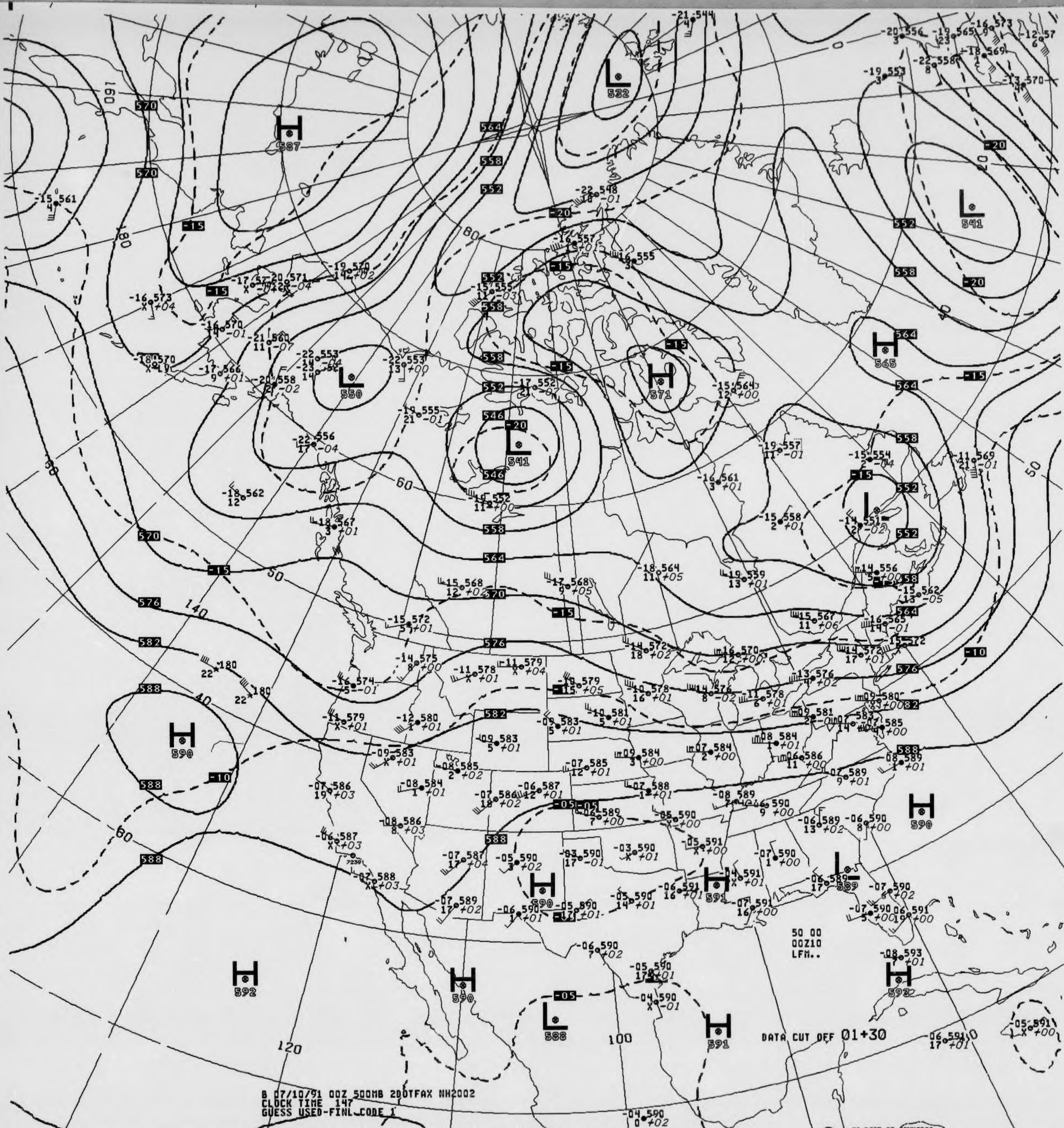
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 9 JUL 91


B 07/09/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1
50 00
12Z 9
LFM..
DATA CUT OFF 01+33

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 9 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

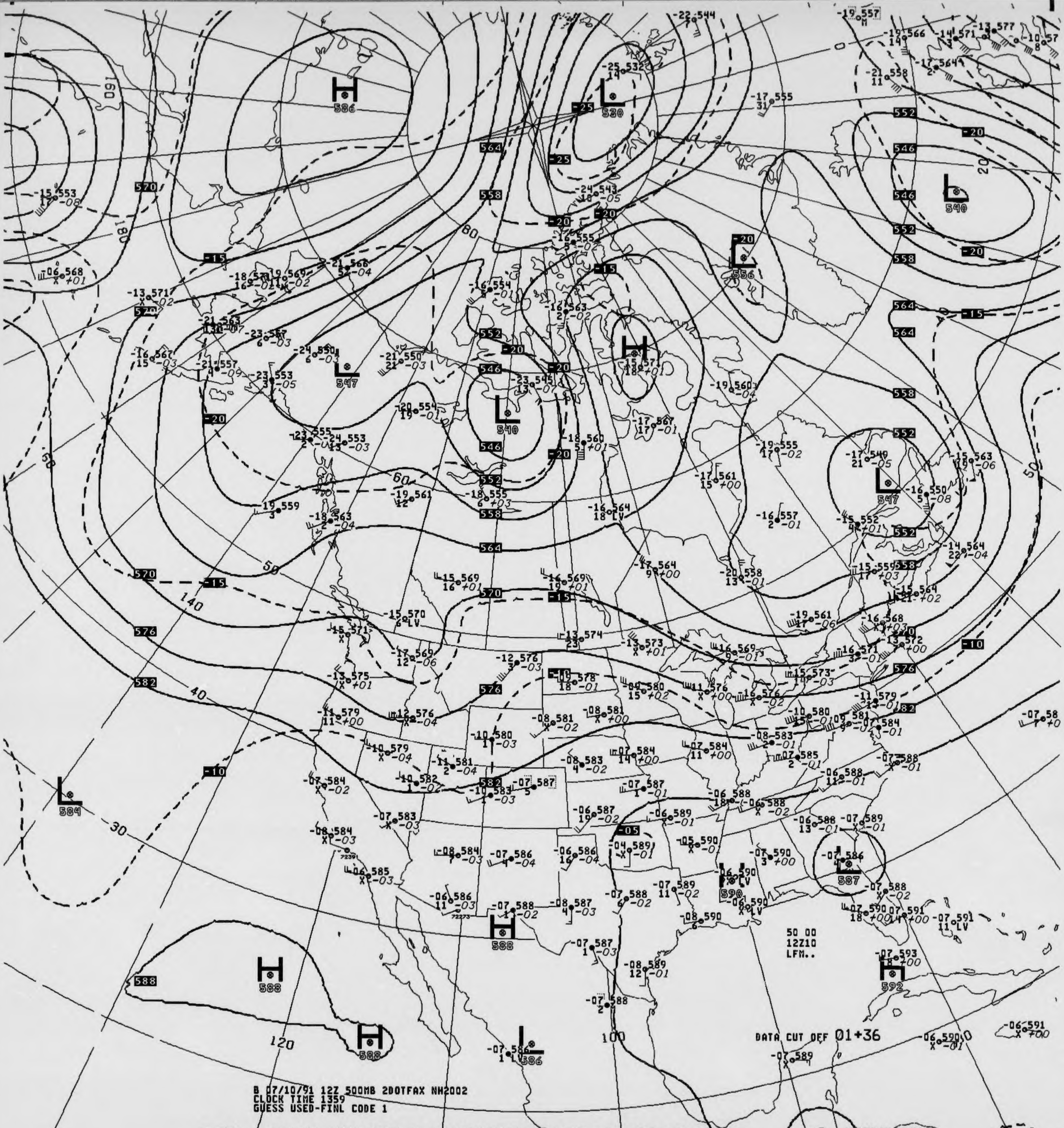
700MB


H 587
L 532
L 541
L 550
L 541
H 571
H 565
L
H 590
H 590
H 591
L 589
H 590
H 592
H 590
L 588
H 591
H 593
570
576
582
588
564
558
552
546
-15
-20
-10
-05
160
180
140
120
100
80
60
50
40
DATA CUT OFF 01+30
50 00
00Z10
LFM..

B 07/10/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 10 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/10/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1
DATA CUT OFF 01+36
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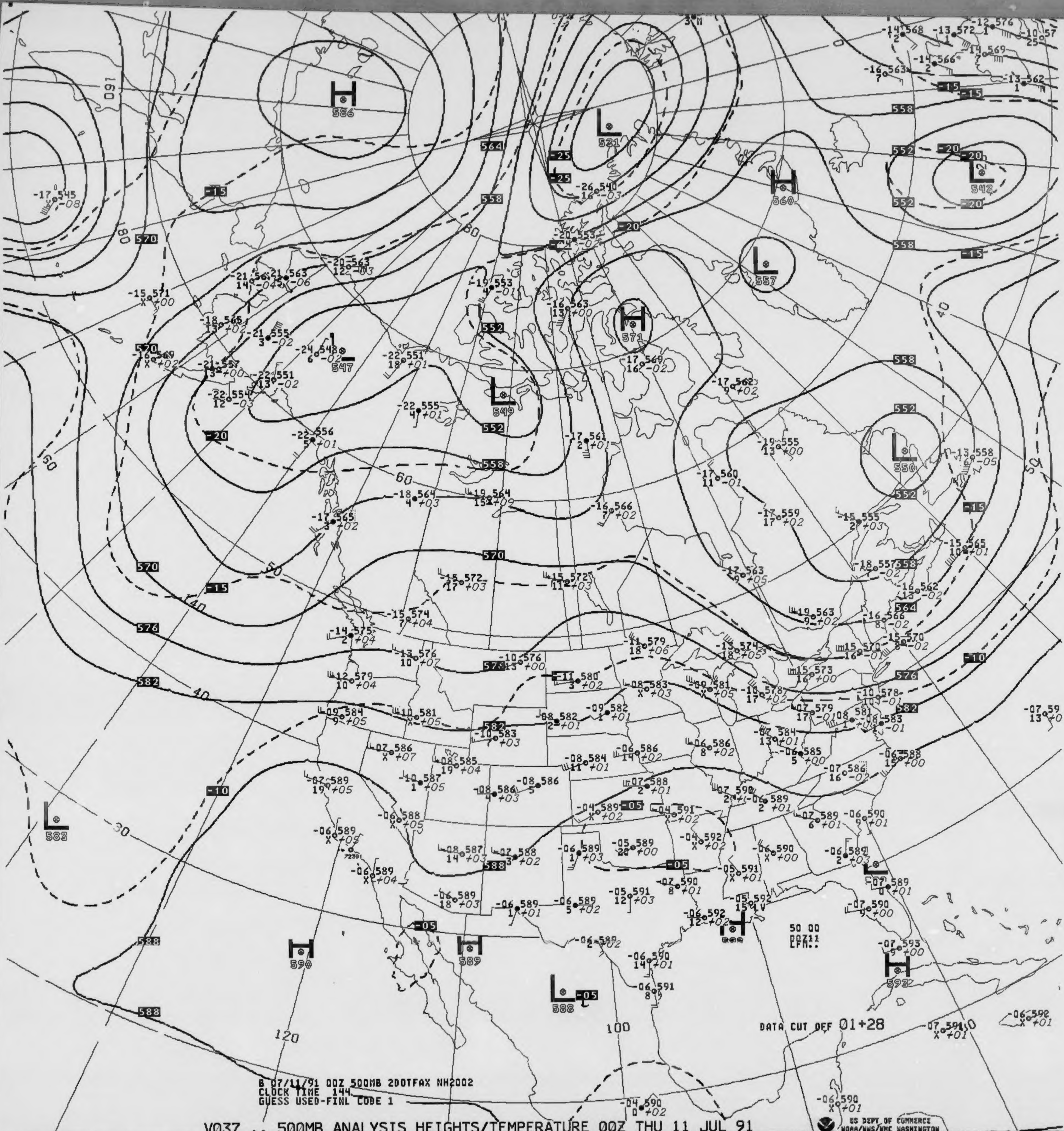
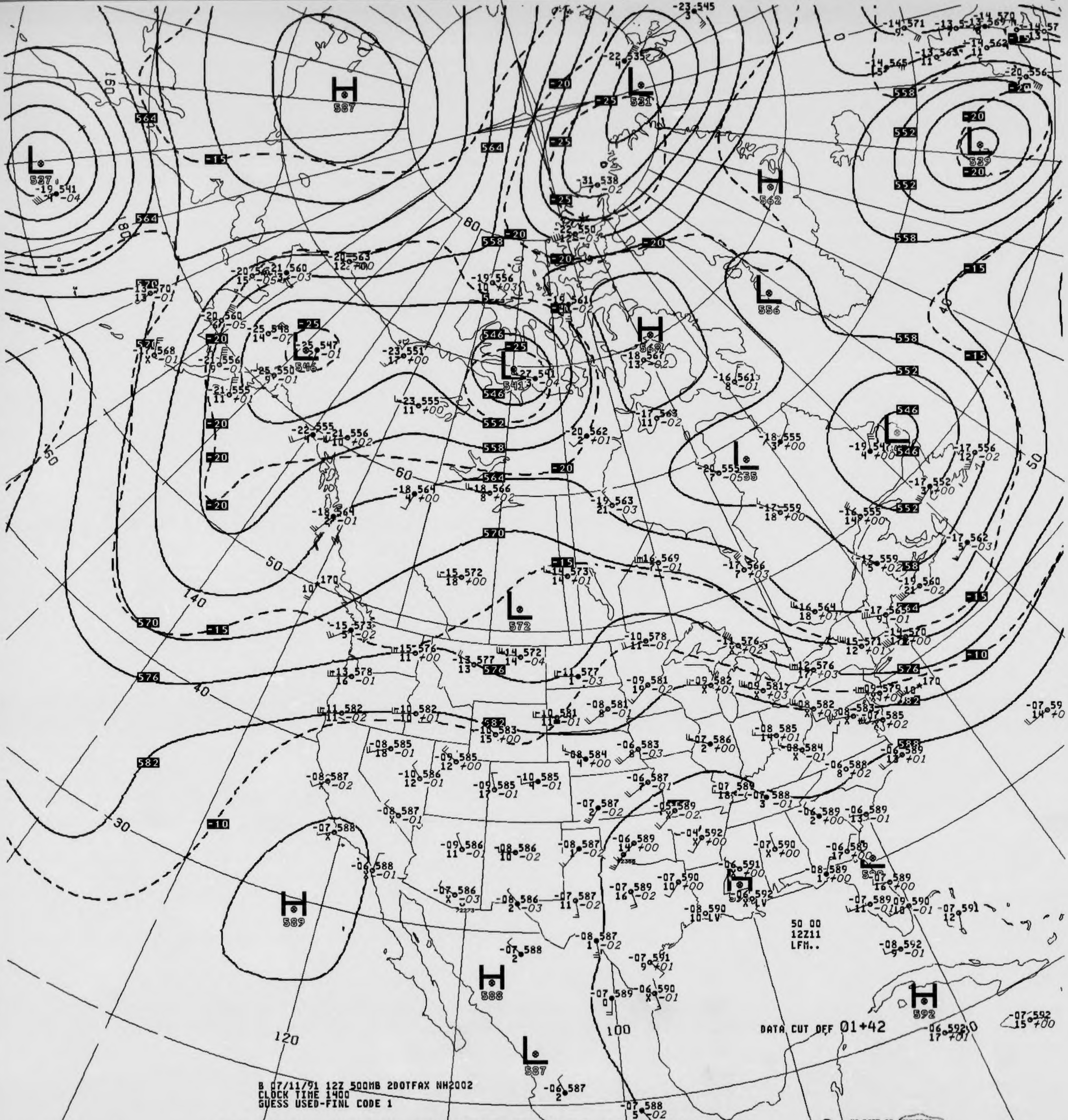
12Z10
LFM..
H
586
L
530
L
540
L
547
L
540
L
556
H
571
L
547
H
588
H
588
H
588
L
586
L
587
H
592
L
584

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 10 JUL 91

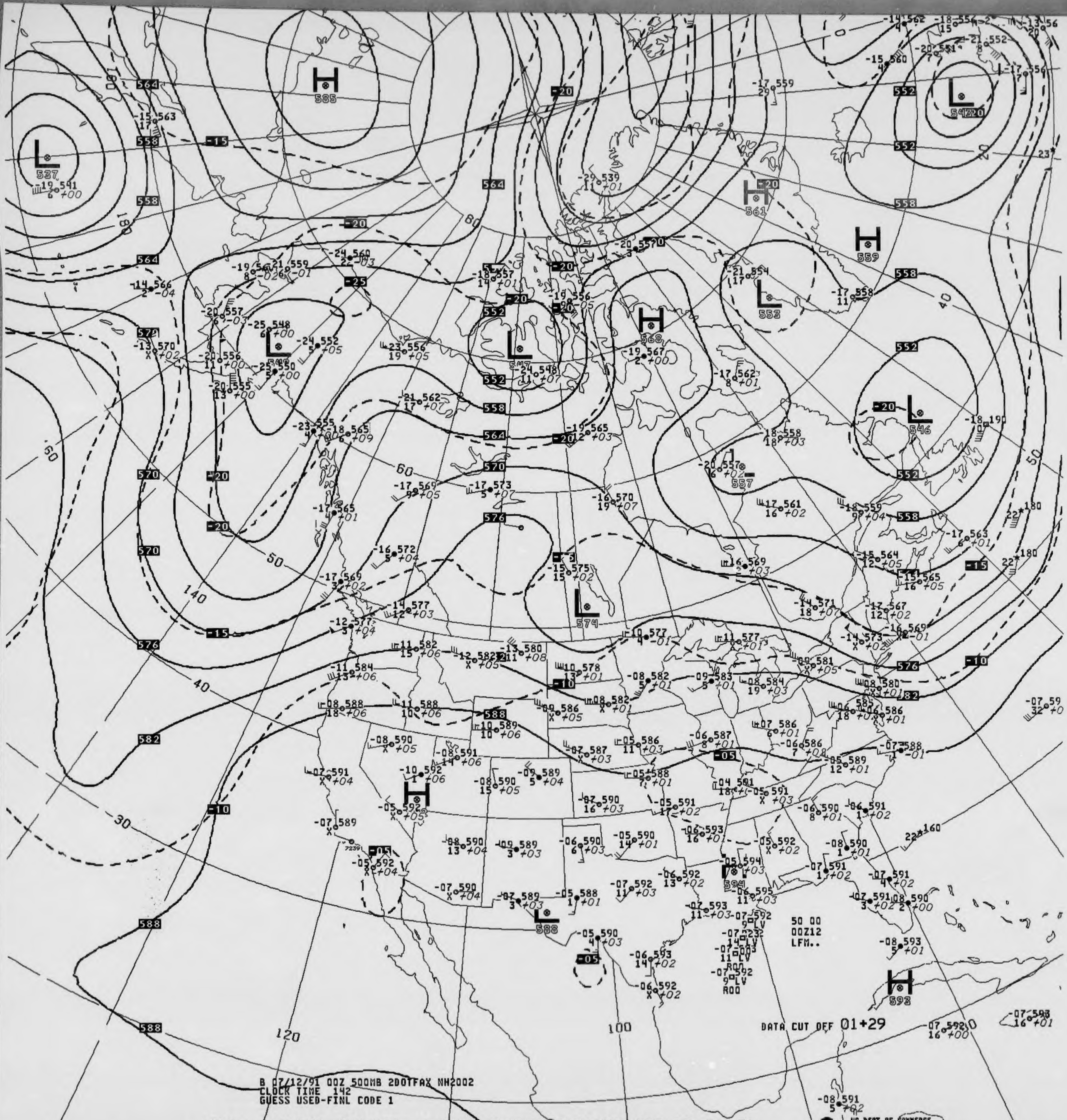
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 586
L 531
H 560
L 542
L 557
H 571
L 547
L 549
L 550
L 582
H 590
H 589
L 588
H 592
564
558
552
570
576
582
588
-15
-20
-25
-10
-05
160
180
60
50
40
30
120
100
50 00
00Z11
LFM..
DATA CUT OFF 01+28
B 07/11/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 144
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 11 JUL 91

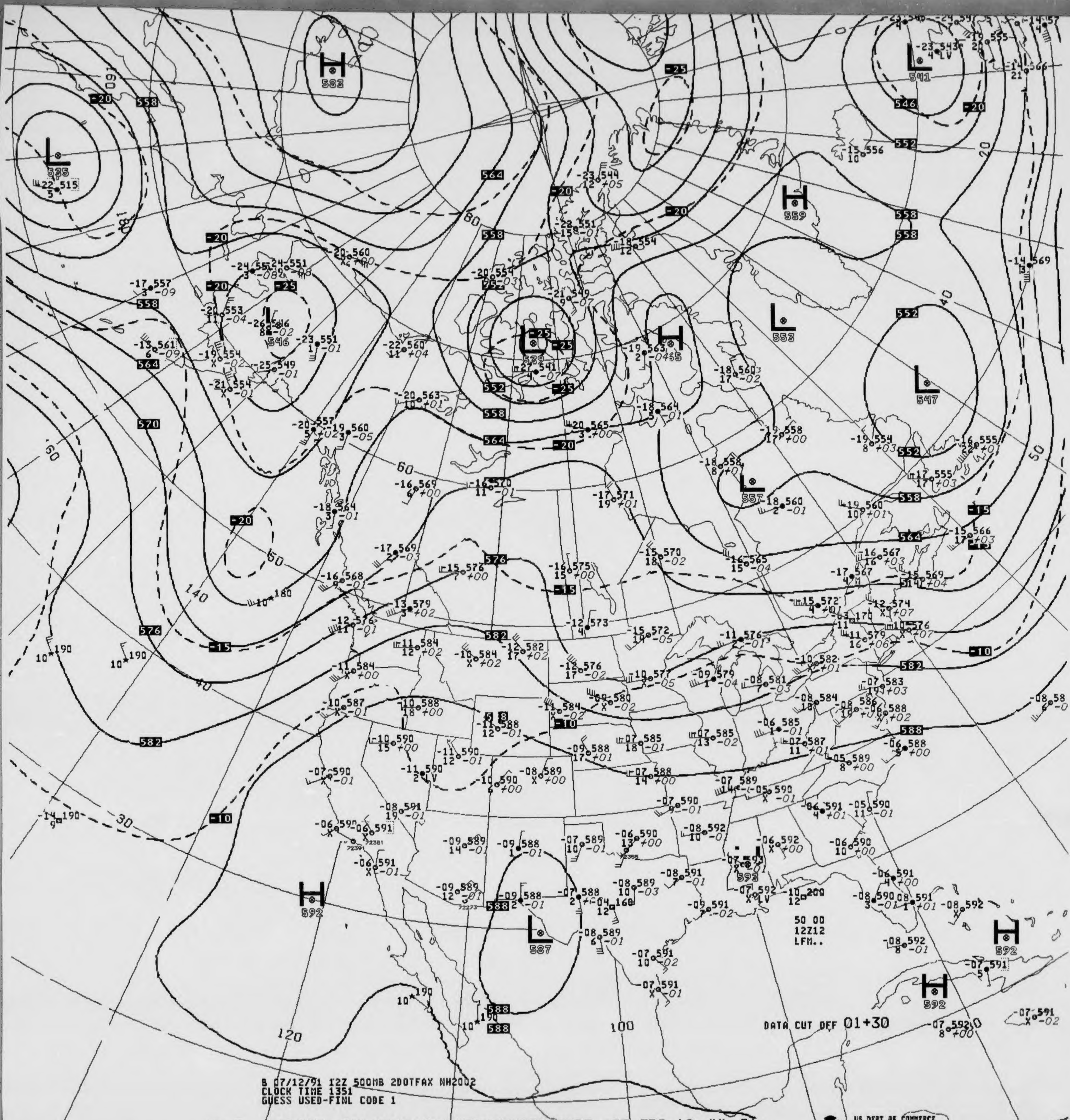

B 07/11/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1400
GUESS USED-FINL CODE 1
DATA CUT OFF 01+42
50 00
12Z11
LFM..
H 587
L 531
H 562
L 529
L 527
L 556
H 568
L 541
L 546
L 535
L 572
H 589
H 588
L 587
H 592
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 11 JUL 91


DATA CUT OFF 01+29
50 00
00Z12
LFM..
B 07/12/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 12 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/12/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1

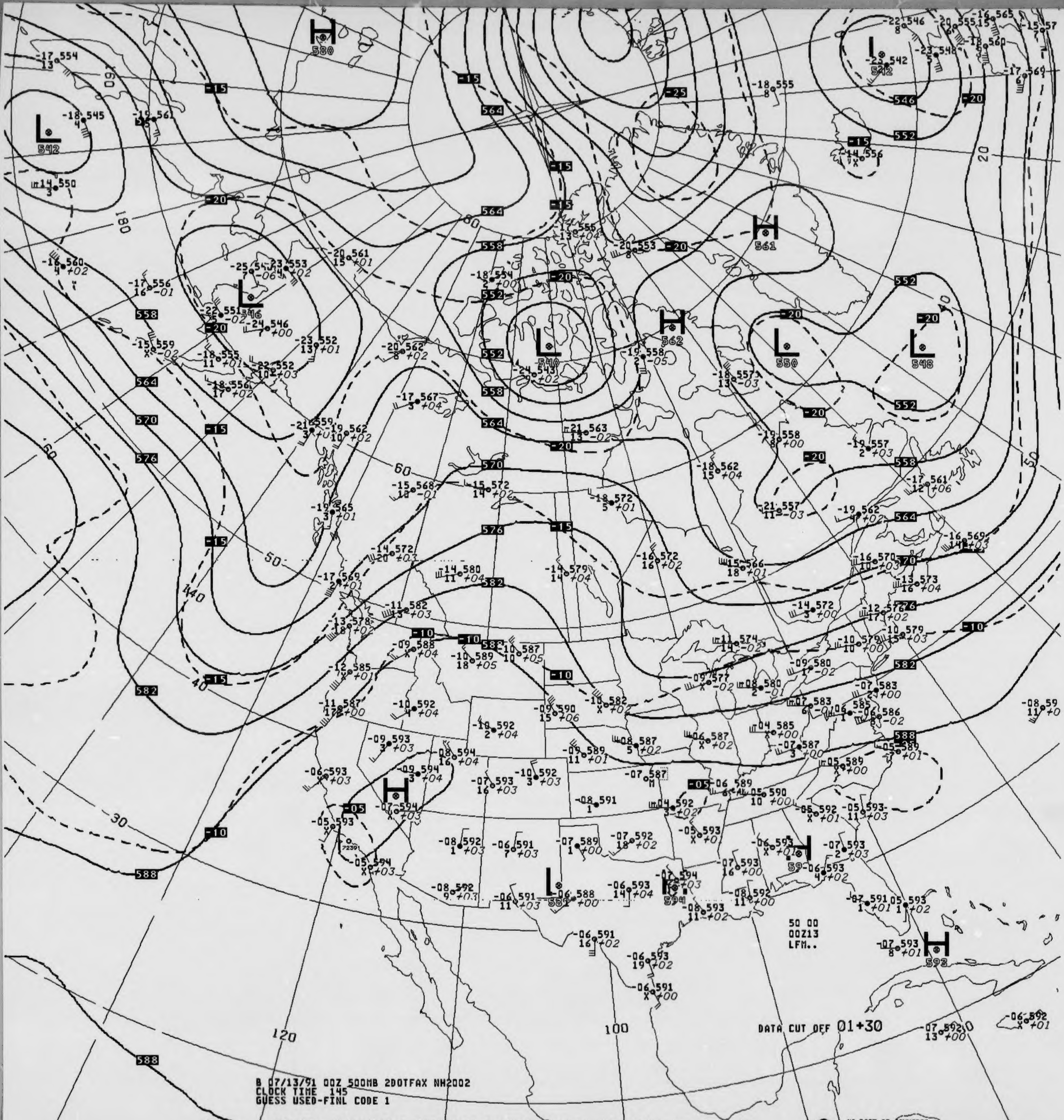
DATA CUT OFF 01+30

50 00
12Z12
LFM..

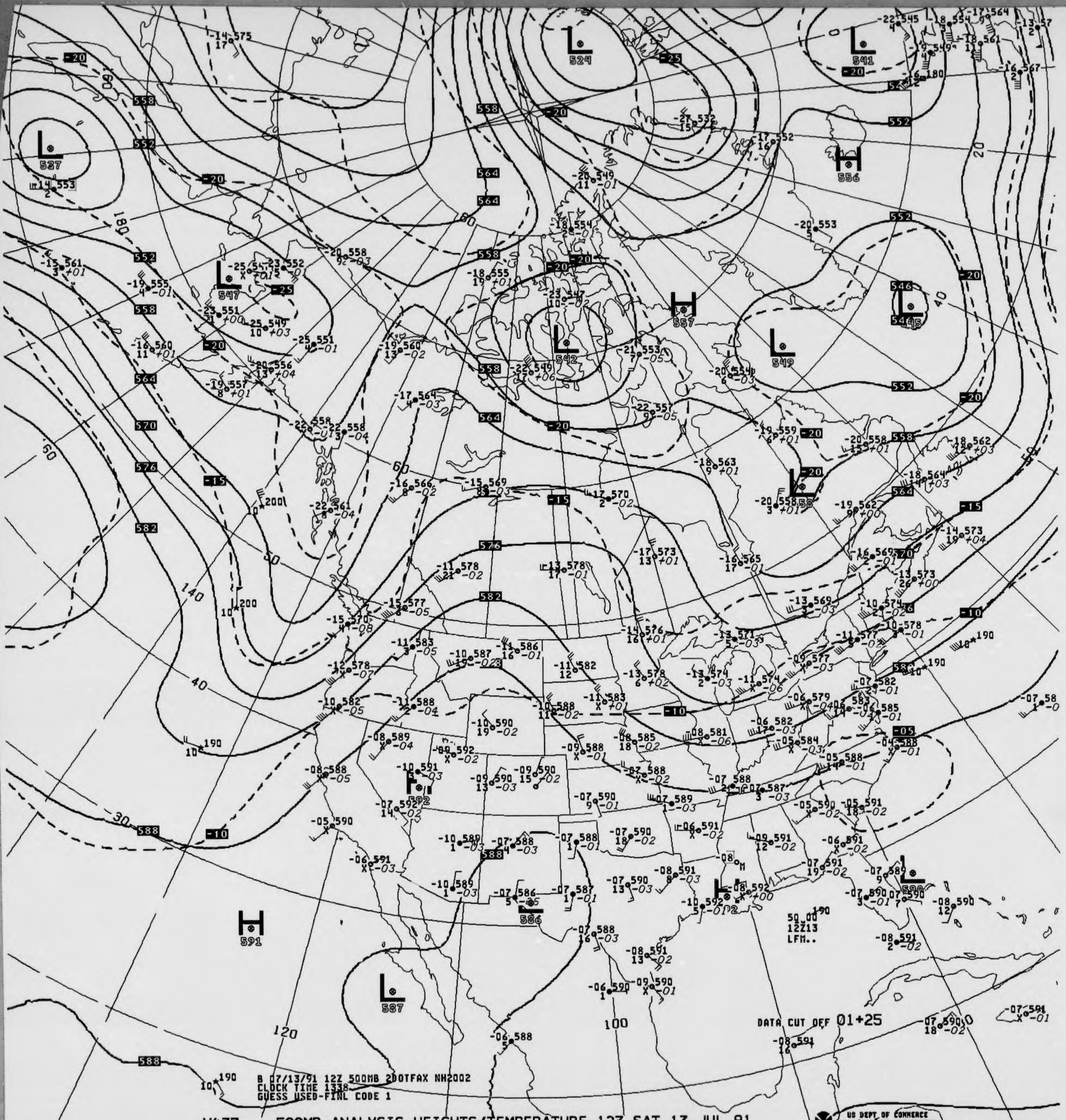
H
583
L
535
L
546
L
539
H
565
L
541
H
559
L
553
L
547
L
557
H
592
L
587
H
592
H
592
593
-20
-25
-15
-10
558
564
570
576
582
588
552
546
60
80
140
120
100
180
40
30
20
50

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 12 JUL 91 .

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/13/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 145
GUESS USED-FINL CODE 1
DATA CUT OFF 01+30
50 00
00Z13
LFM..
180
160
140
120
100
60
50
40
30
20
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 13 JUL 91

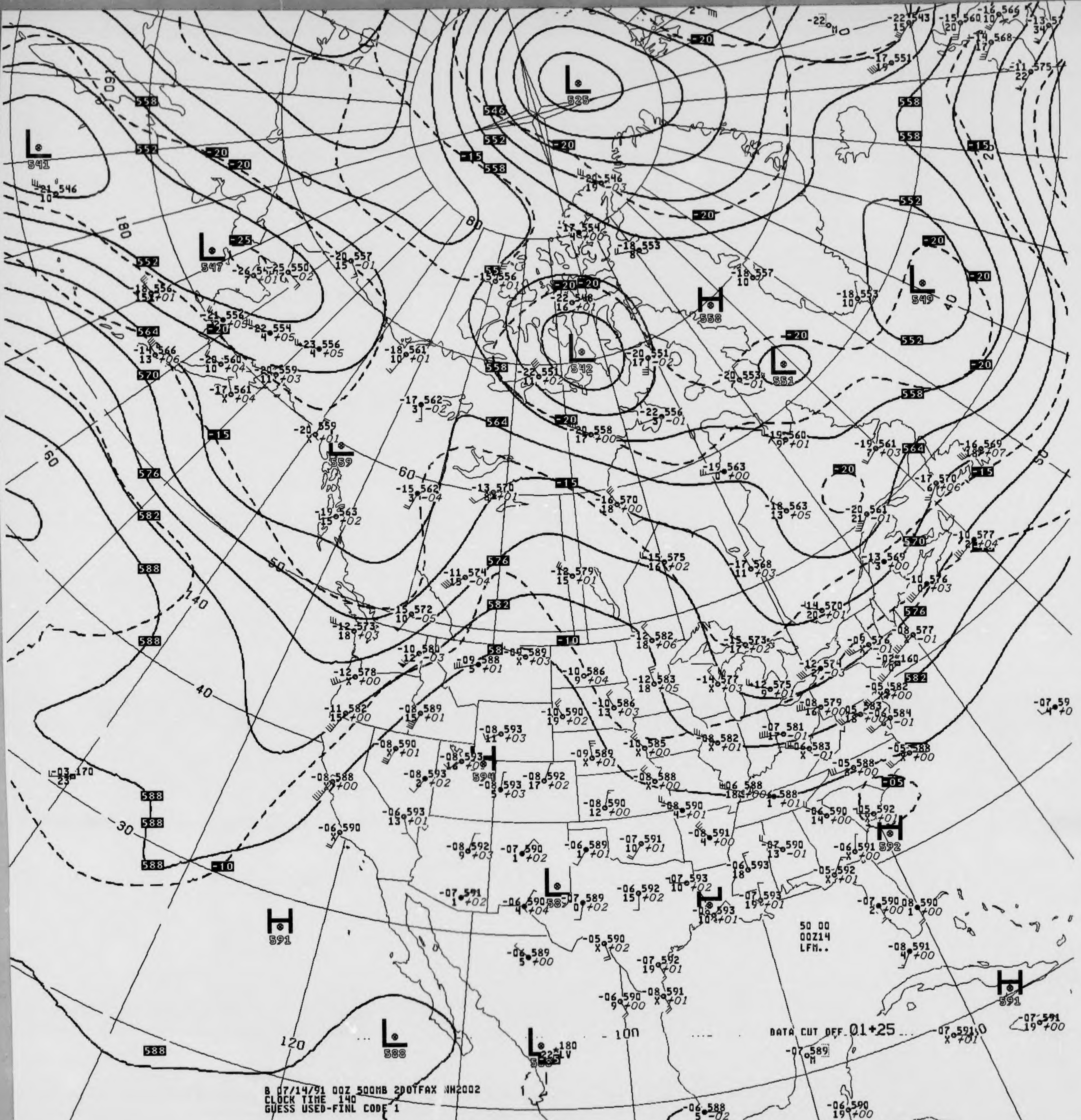

L 524
L 541
L 537
H 556
L 547
L 542
H 557
L 549
L 545
H 592
H 591
L 587
L 586
L 590
50_00
12Z13
LFM..

DATA CUT OFF 01+25

B 07/13/91 12Z 500MB 200TFAX NH2002
CLOCK TIME 1338
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 13 JUL 91

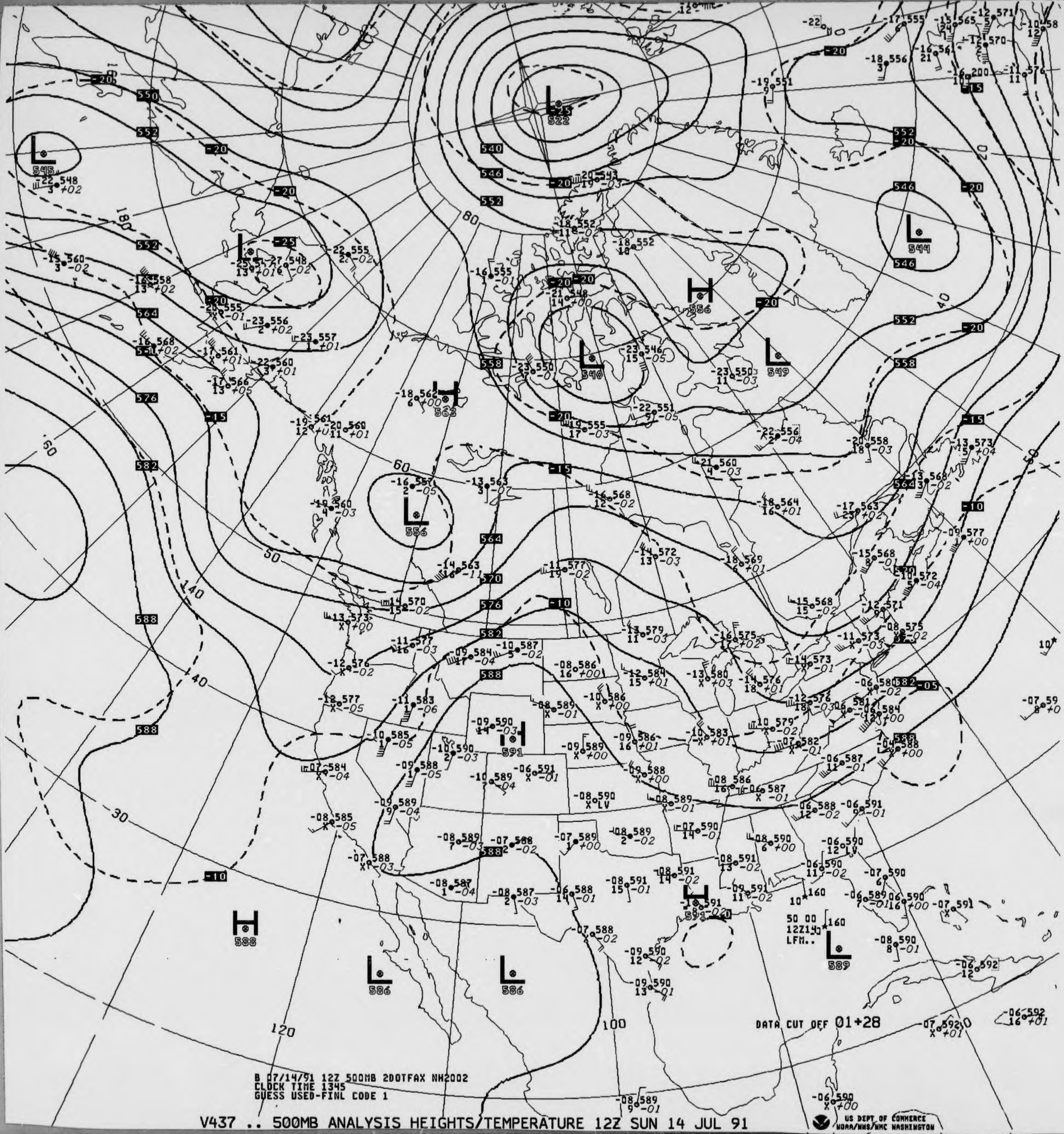
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 525
L 541
L 547
L 542
L 549
L 551
L 559
H 558
H 594
H 592
H 591
H 591
L 588
L 58
558
552
546
564
570
576
582
588
-25
-20
-15
-10
-05
160
180
80
60
50
40
30
140
120
100
50 00
00Z14
LFM..
DATA CUT OFF 01+25

B 07/14/91 00Z 500MB 200TFAX NH2002
CLOCK TIME 140
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 14 JUL 91

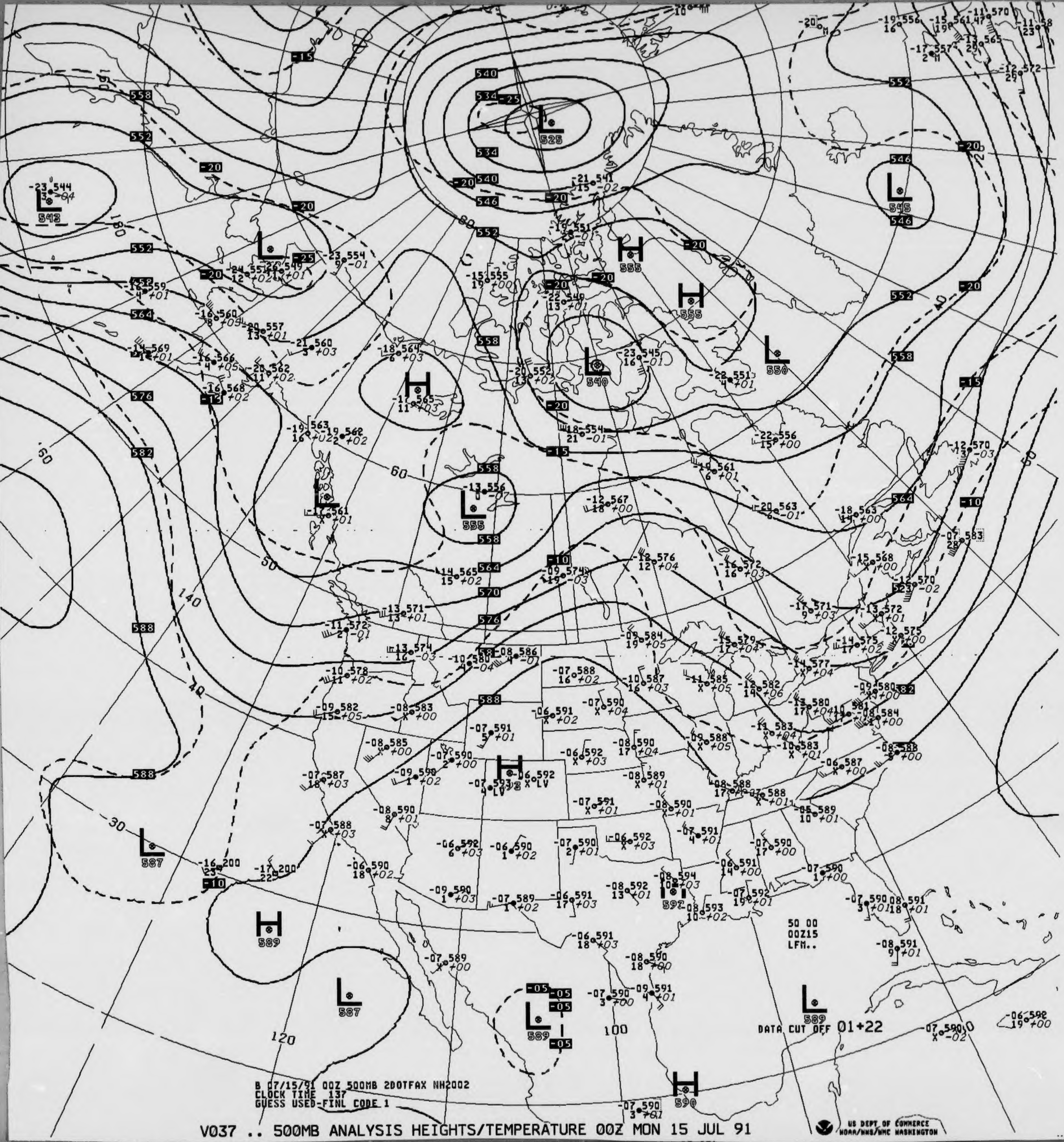
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 545
L 522
L 544
H 556
L 540
L 549
H 563
L 556
H 591
H 588
L 586
L 586
L 589
H 591
550
552
564
576
582
588
540
546
558
570
-20
-25
-15
-10
-05
180
80
60
50
40
140
30
120
100
DATA CUT OFF 01+28
50 00
12Z14
LFM..

B 07/14/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1345
GUESS USED-FINL CODE 1

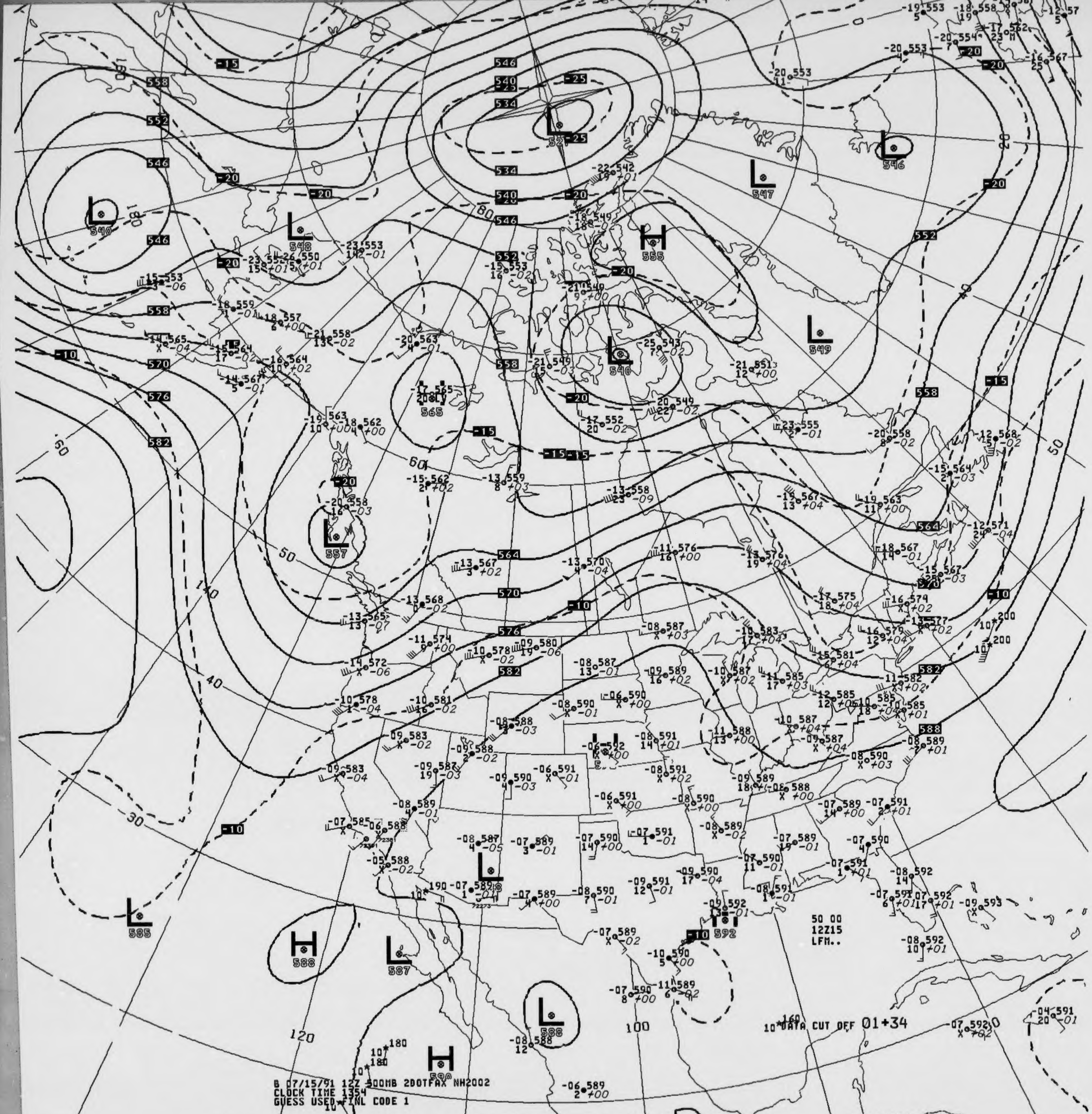
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 14 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/15/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 137
GUESS USED-FINL CODE 1
DATA CUT OFF 01+22
50 00
00Z15
LFM..

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 15 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

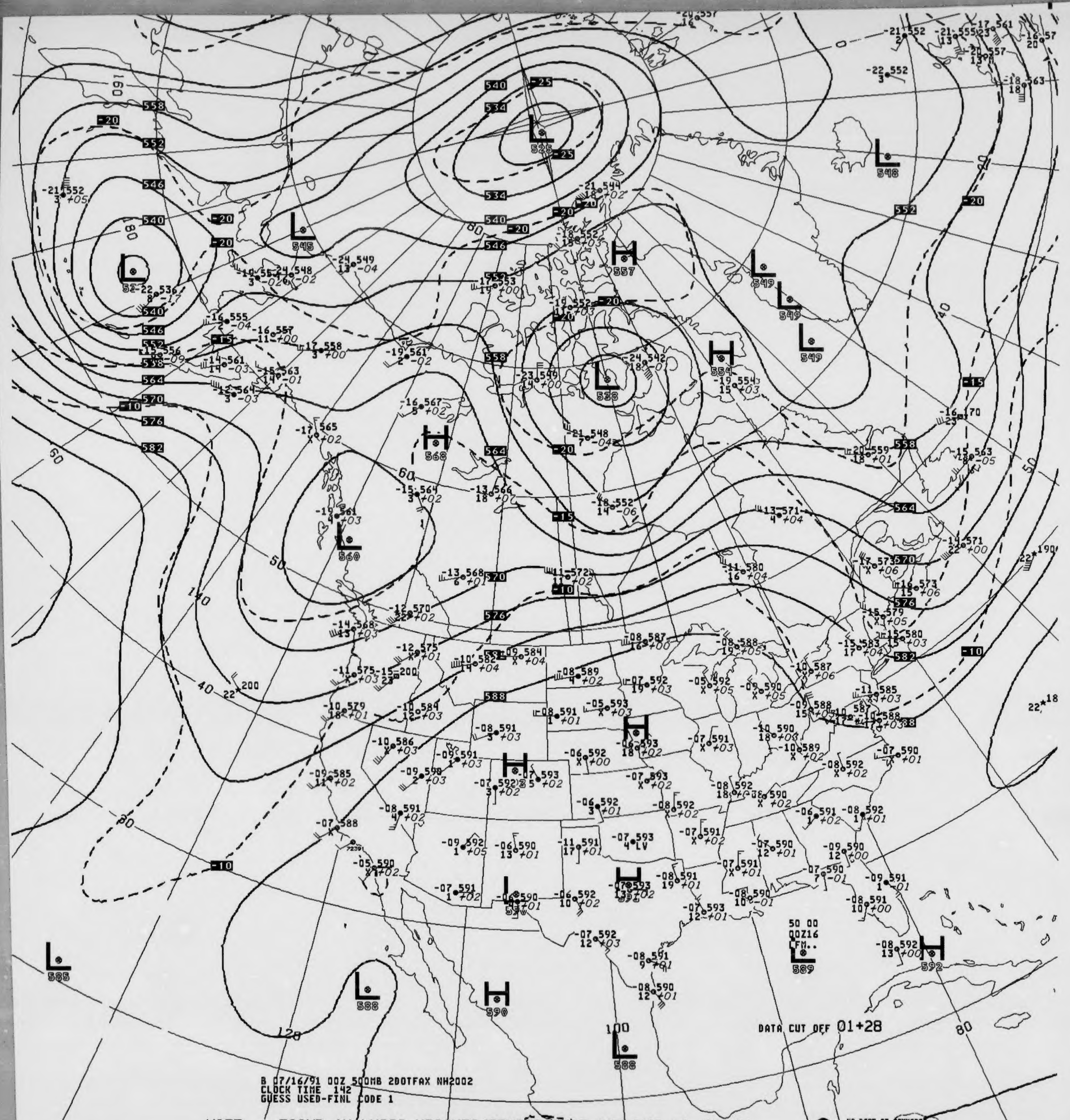


L 540
L 548
L 521
L 547
L 546
H 555
L 549
L 540
L 565
L 557
L 585
H 588
L 587
L 588
H 590
L 588
H 592
546
540
534
552
558
564
570
576
582
588
-10
-15
-20
-25
50 00
12Z15
LFM..
10 DATA CUT OFF 01+34

B 07/15/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1354
GUESS USED FINL CODE 1

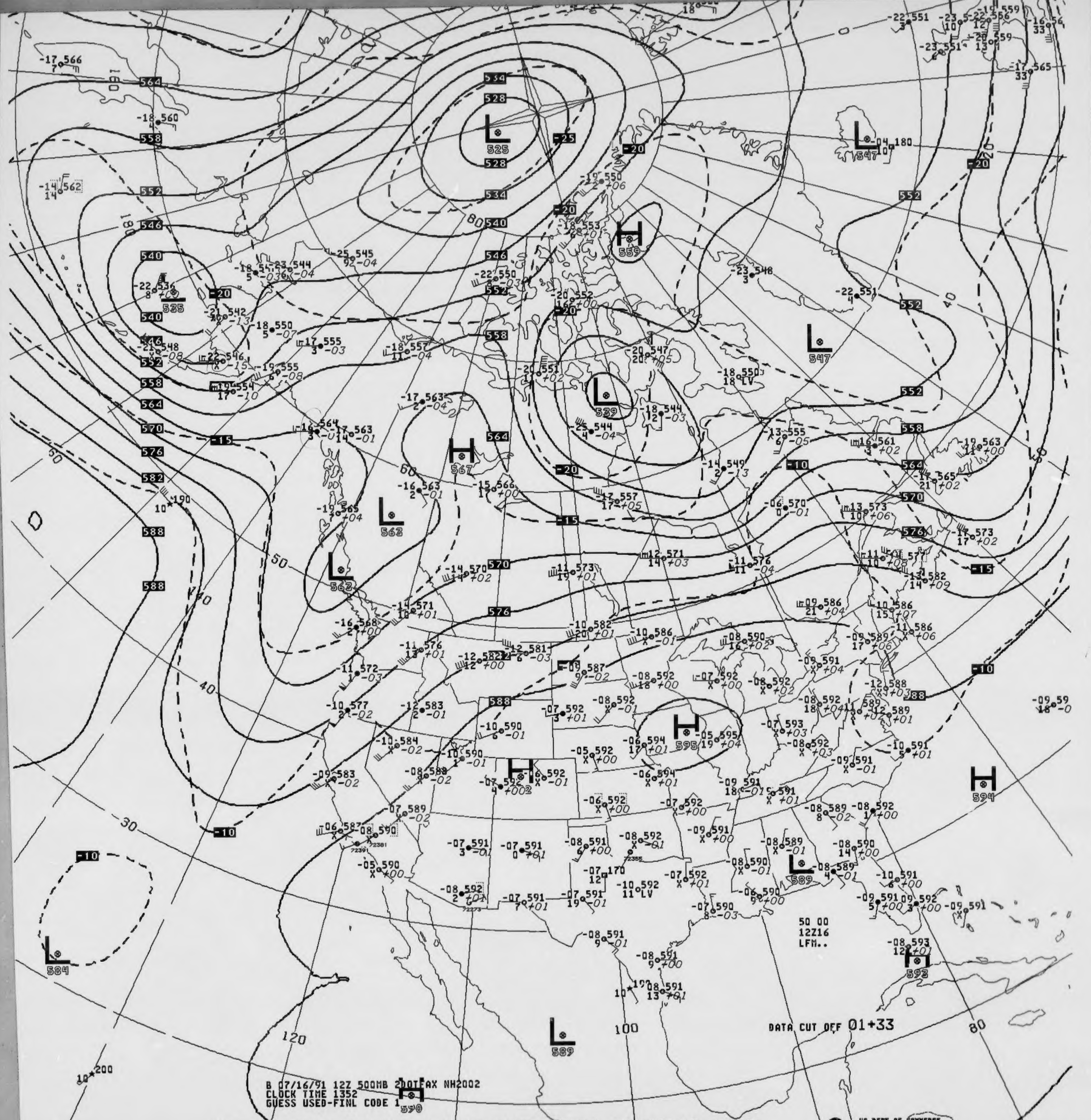
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 15 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 525
L 52
L 545
L 528
L 549
L 549
L 549
L 548
L 560
L 585
L 588
L 588
L 589
H 557
H 554
H 568
H 590
H 592
534
540
546
552
558
564
570
576
582
588
-25
-20
-15
-10
50 00
00Z16
CFM..
DATA CUT OFF 01+28
B 07/16/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 16 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/16/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1352
GUESS USED-FINL CODE 1
DATA CUT OFF 01+33
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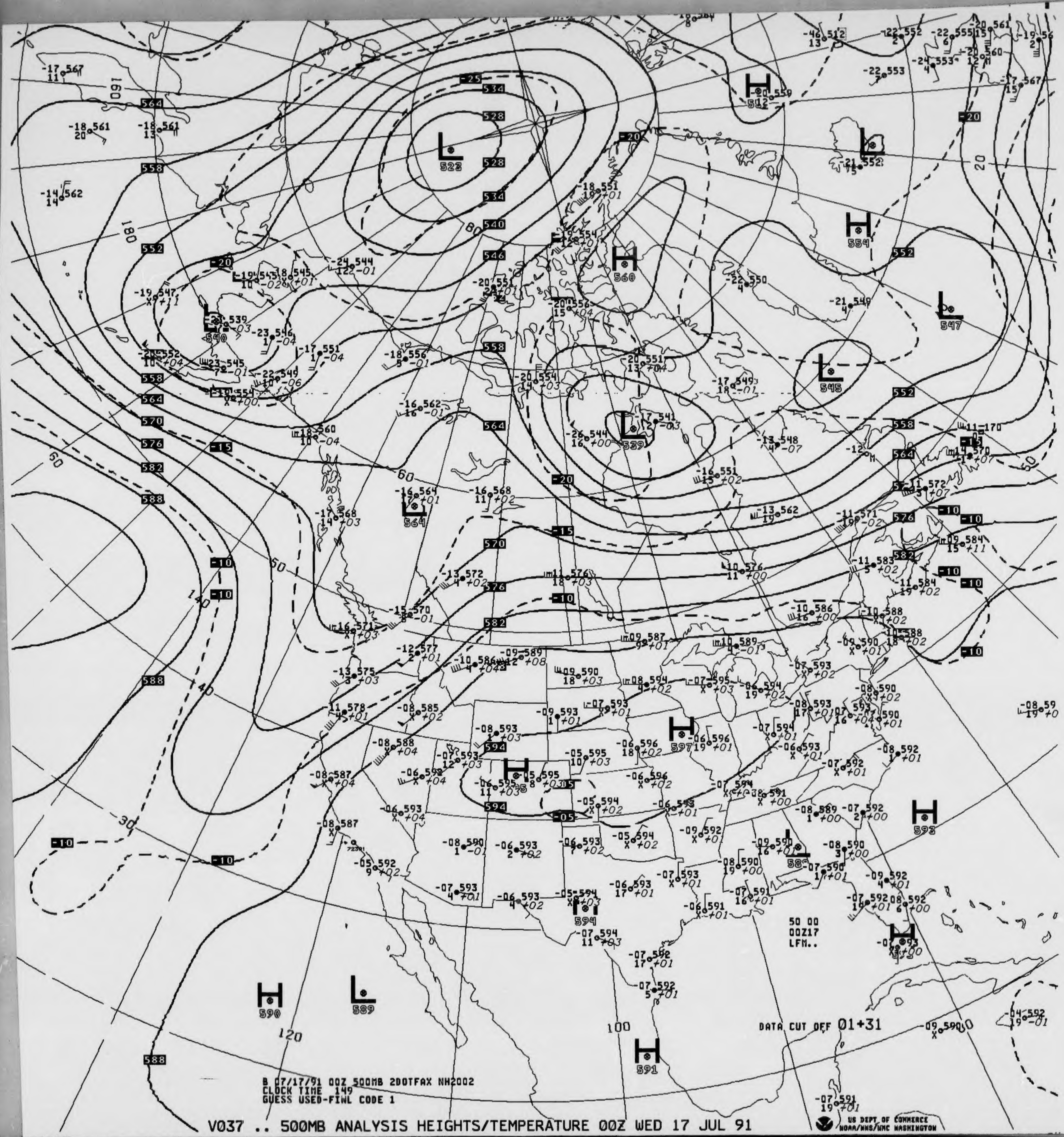
12Z16
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 16 JUL 91



H 590
L 589
H 591
H 594
H 597
H 593
L 523
H 560
L 539
L 540
L 545
L 547
H 554
H 512
L 564
528
534
540
546
552
558
564
570
576
582
588
594
-25
-20
-15
-10
-05
50 00
00Z17
LFM..
DATA CUT OFF 01+31
B 07/17/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 149
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
160
180
140
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100
80
60
50
30
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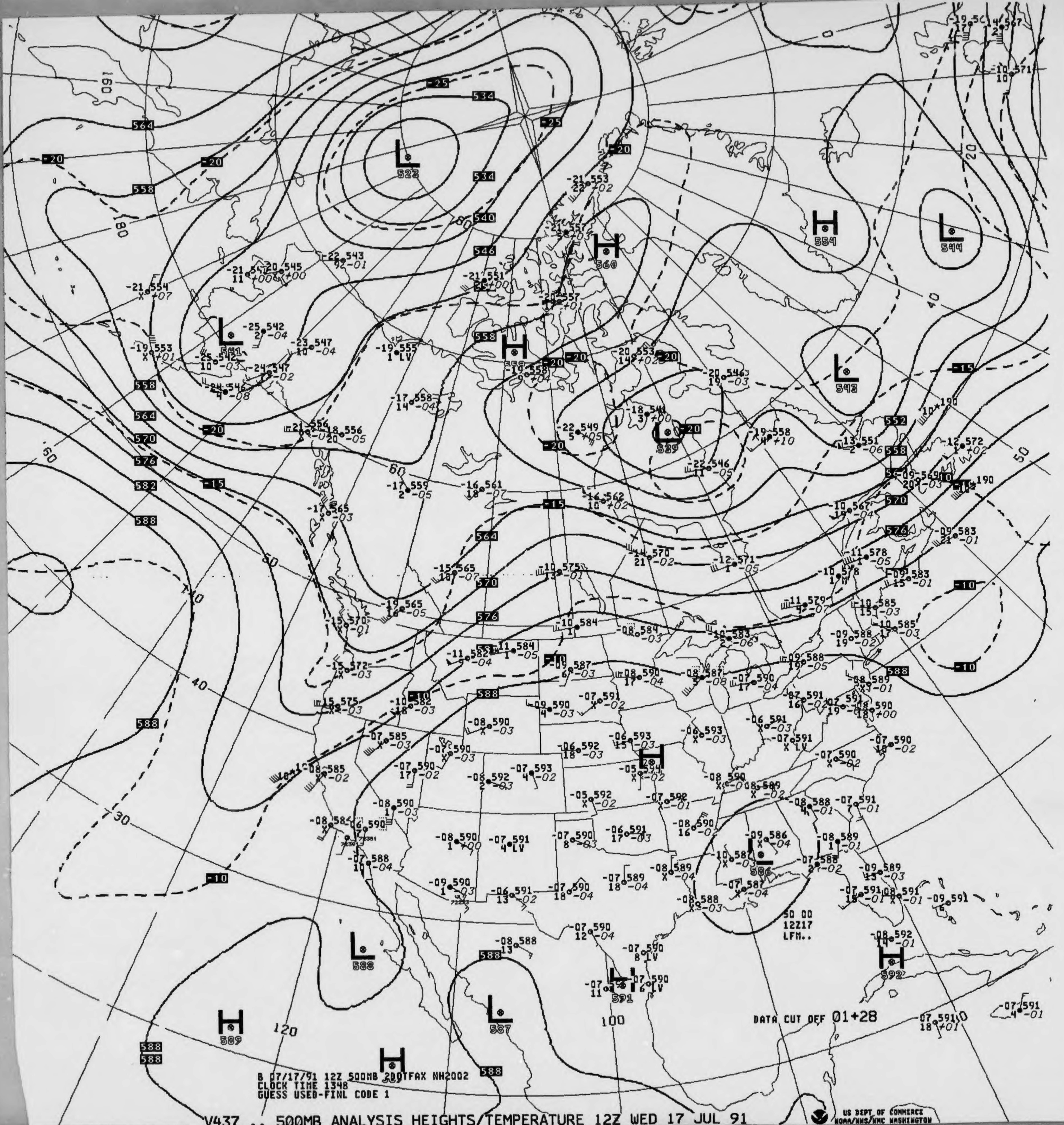
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 17 JUL 91

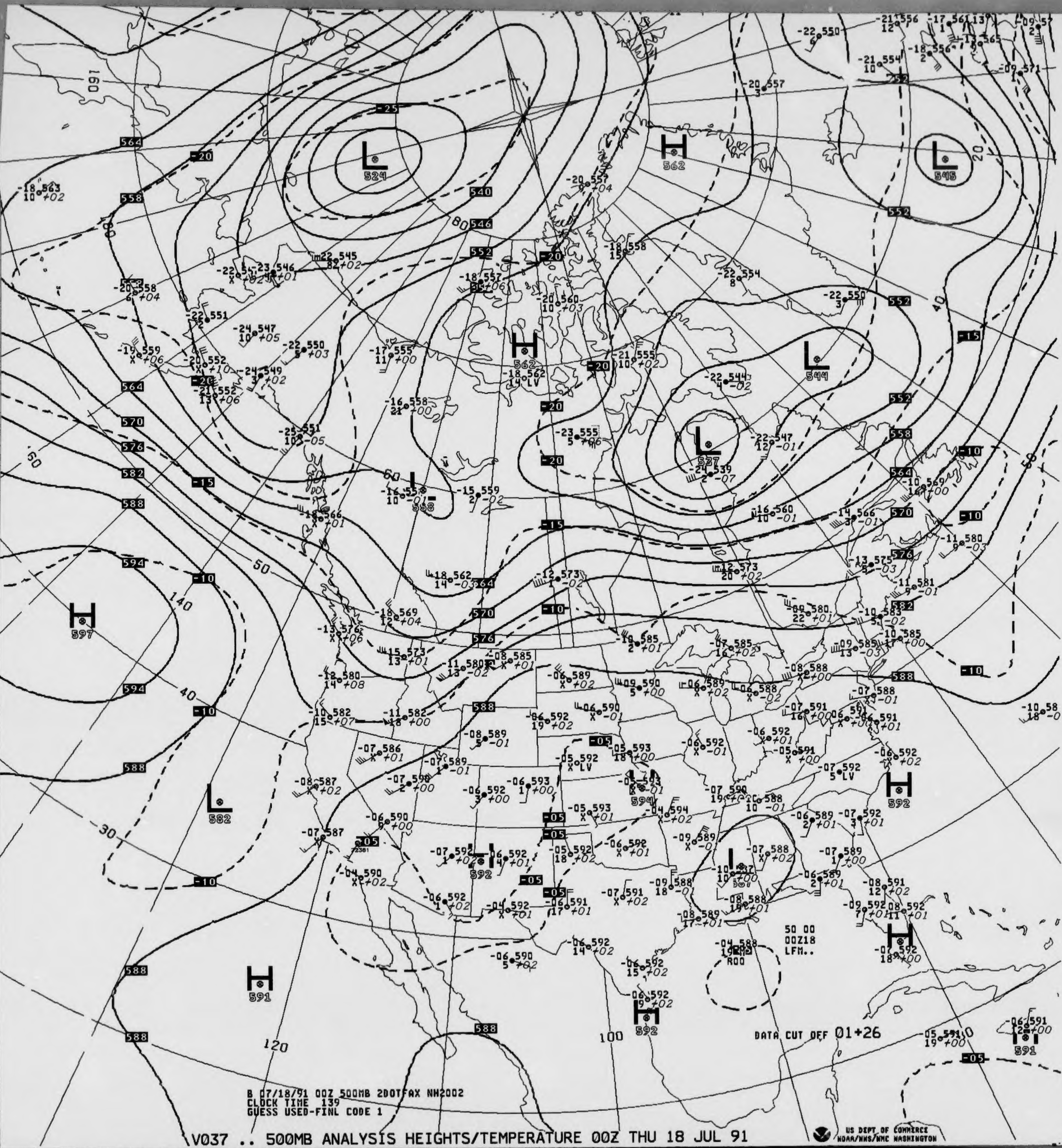


L 523
L 541
H 560
H 558
L 539
H 554
L 544
L 543
H 594
L 586
L 588
H 589
L 587
H 589
L 591
H 592
564
558
534
540
546
552
570
576
582
588
-25
-20
-15
-10
160
180
60
50
40
30
120
100
20
50 00
12Z17
LFM..
DATA CUT OFF 01+28

B 07/17/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1348
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 17 JUL 91

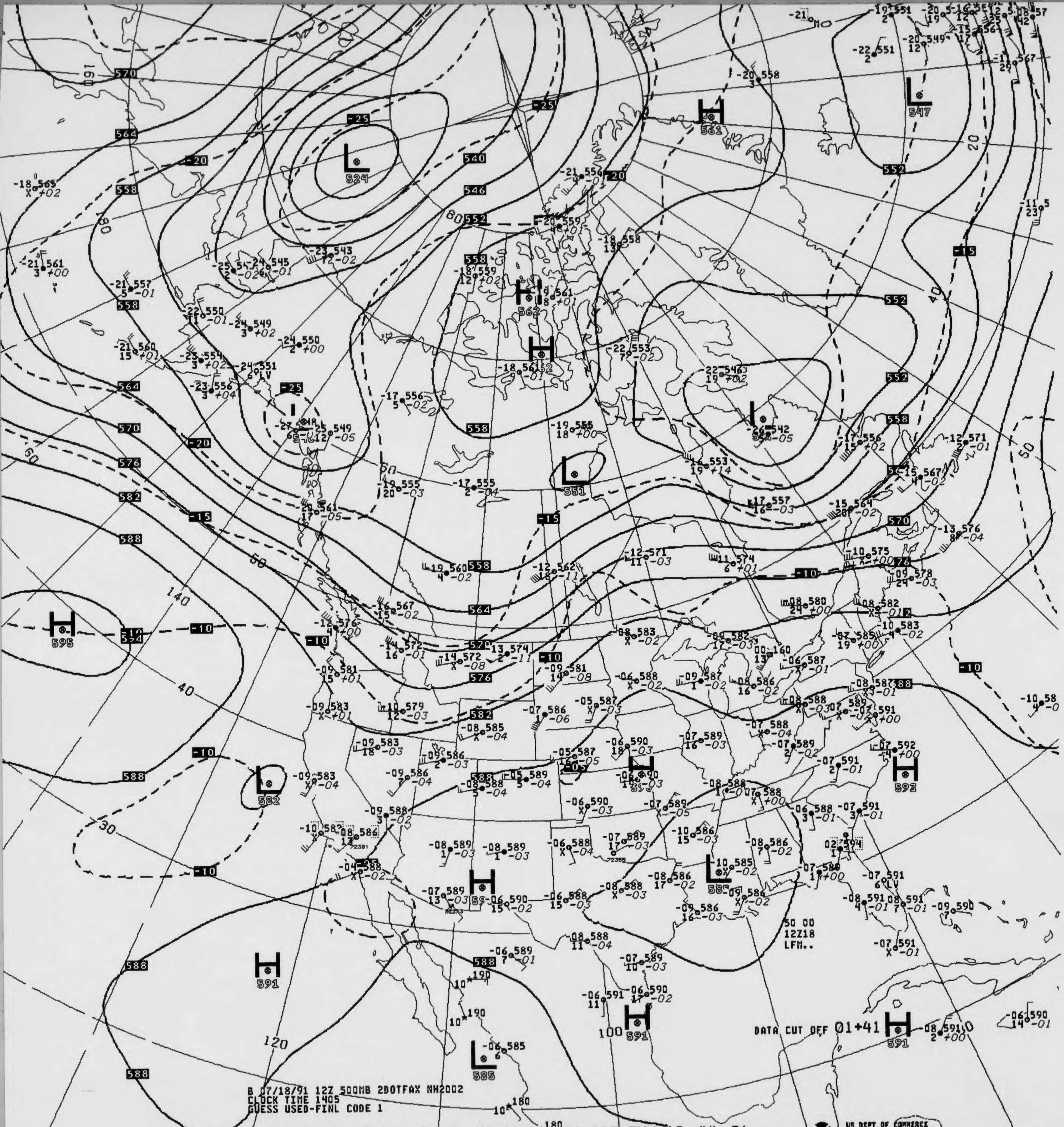
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
524
L
545
H
562
H
562
L
544
L
537
L
558
H
597
L
582
H
591
H
592
H
592
H
592
L
591
DATA CUT OFF 01+26
50 00
00Z18
LFM..

B 07/18/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 139
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 18 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

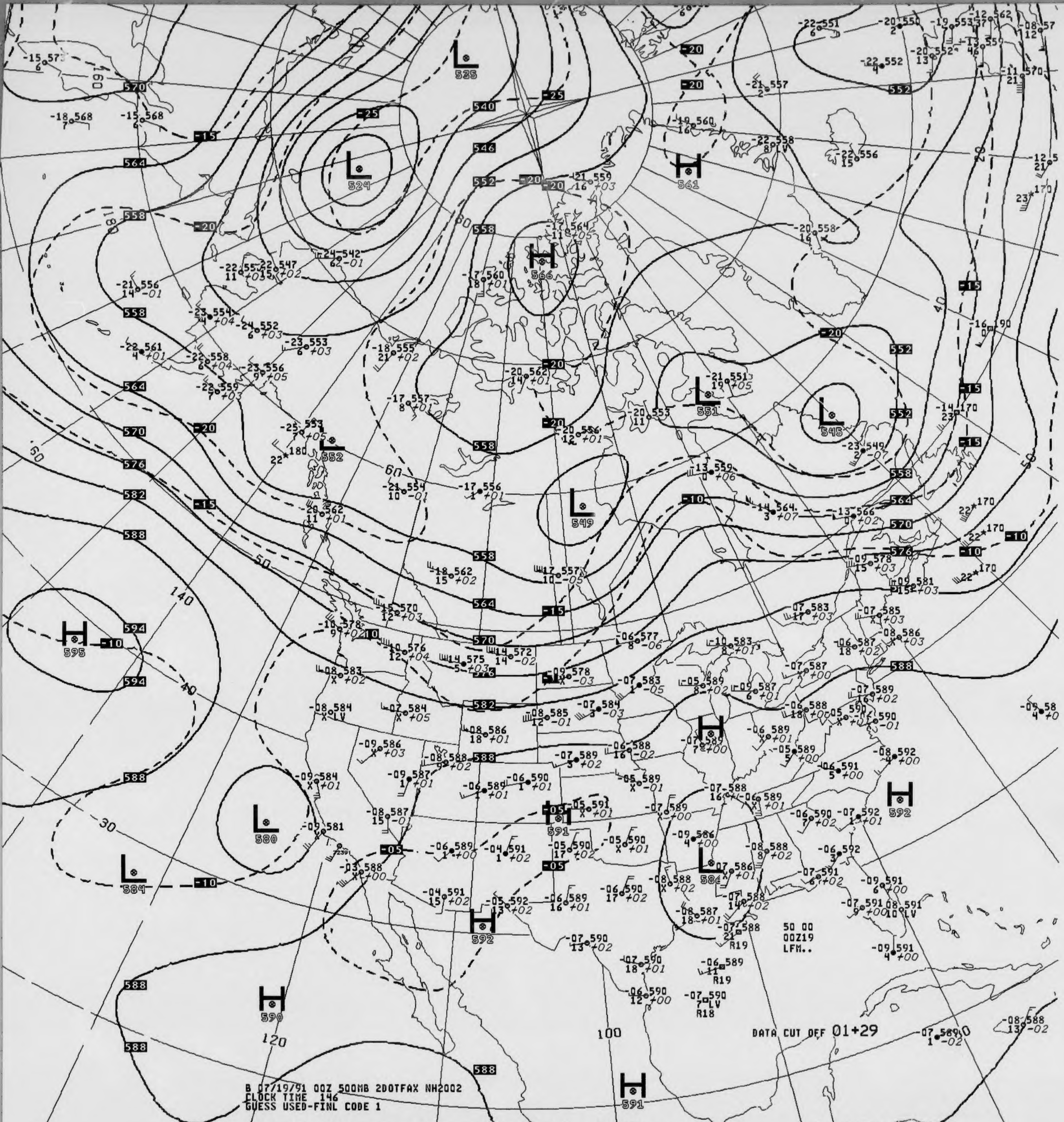


L 524
L 547
H 561
H 562
H 562
L 542
L 551
L 582
H 595
H 588
H 593
H 591
H 591
H 591
L 585
L 585
570
564
558
552
546
540
576
582
588
-25
-20
-15
-10
DATA CUT OFF 01+41
50 00
12Z18
LFM..

B 07/18/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1405
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 18 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+29
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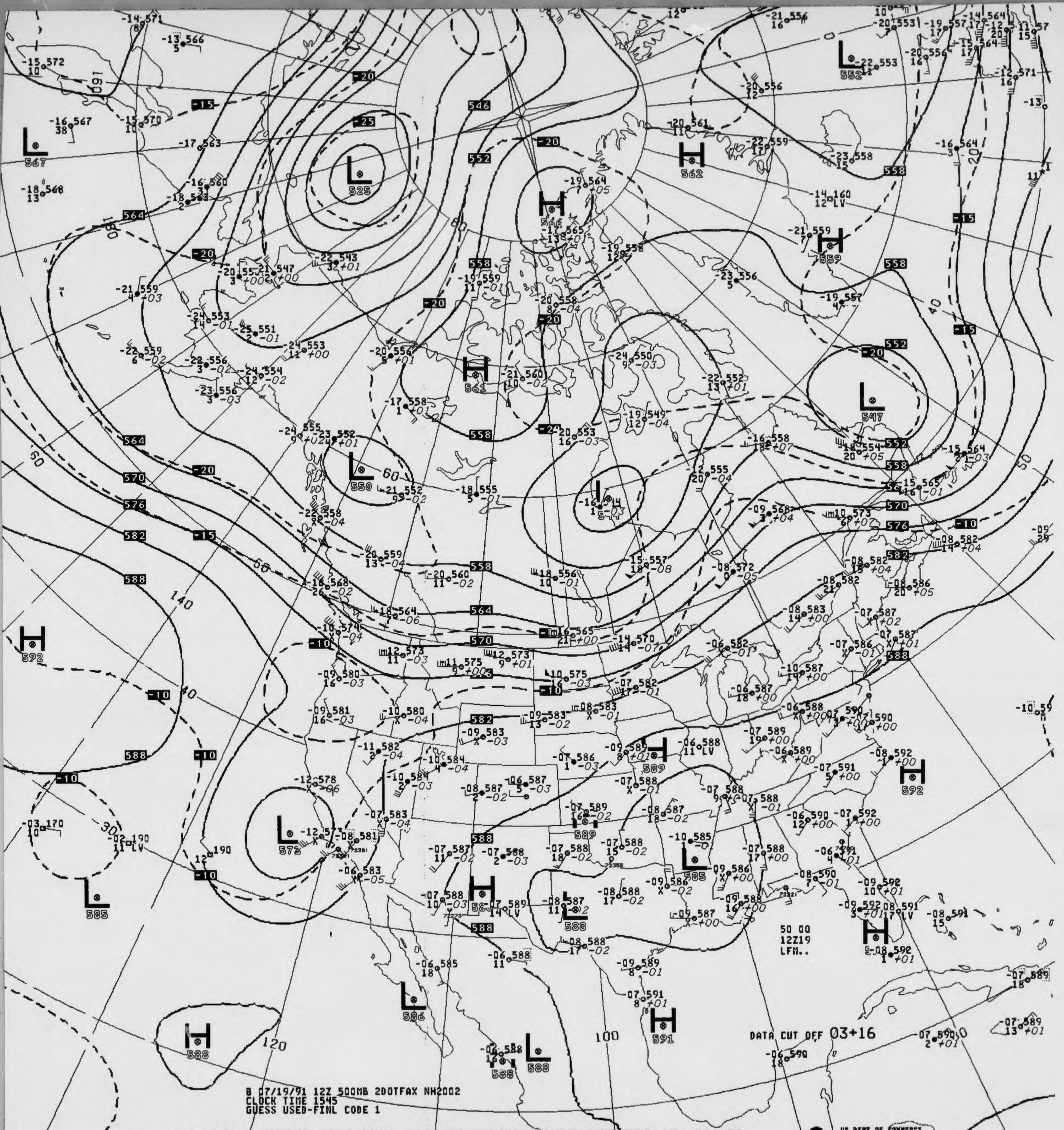
00Z19
LFM..
B 07/19/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 146
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 19 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 567
L 525
H 566
H 562
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H 559
H 561
L 547
L 550
H 592
L 572
L 585
H 589
H 589
L 585
H 592
H 588
L 588
L 586
H 591
H 588
L 588
H 588
180
160
140
120
100
60
50
40
30
20

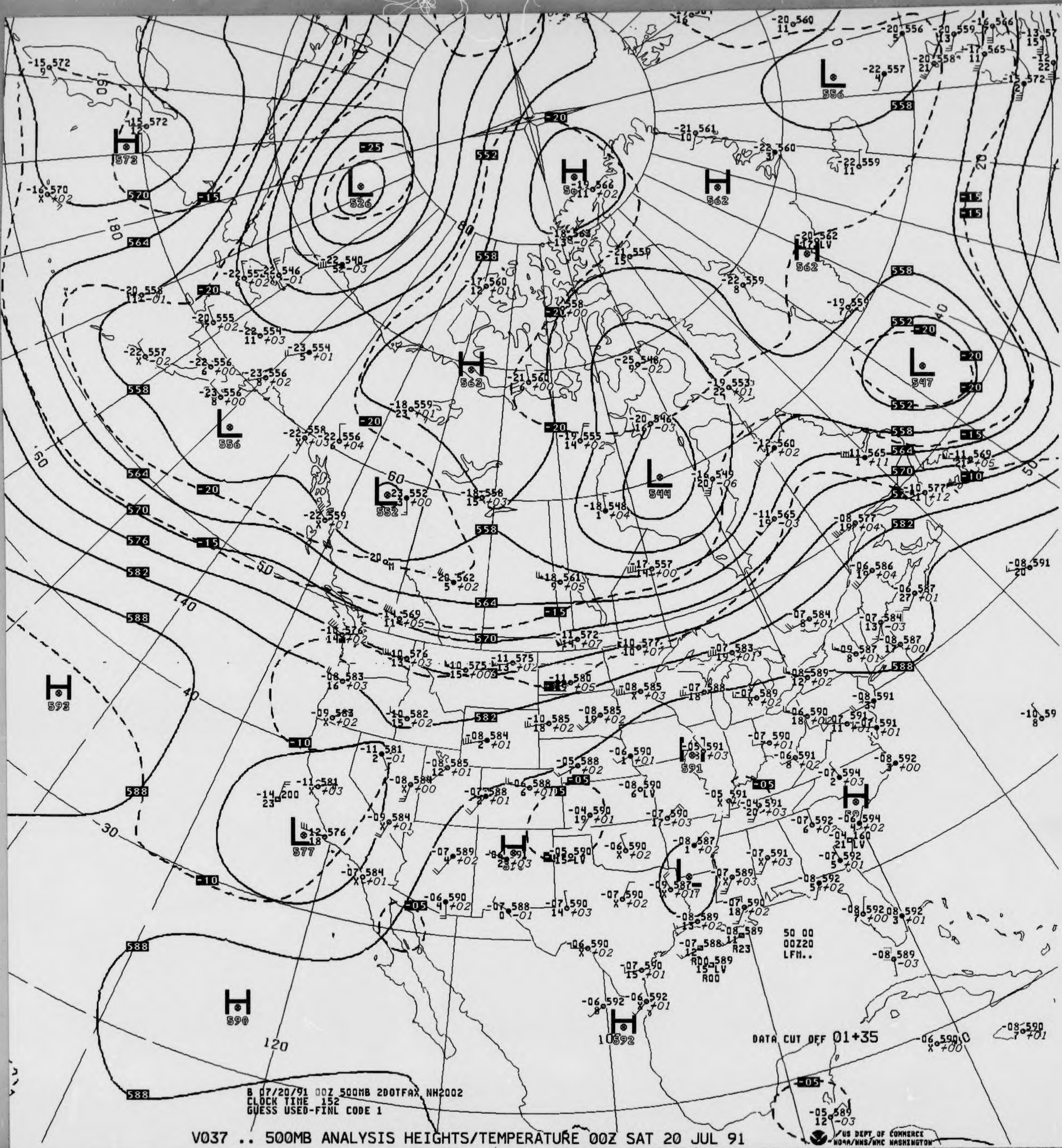
50 00
12Z19
LFM..

DATA CUT OFF 03+16

B 07/19/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1545
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 19 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

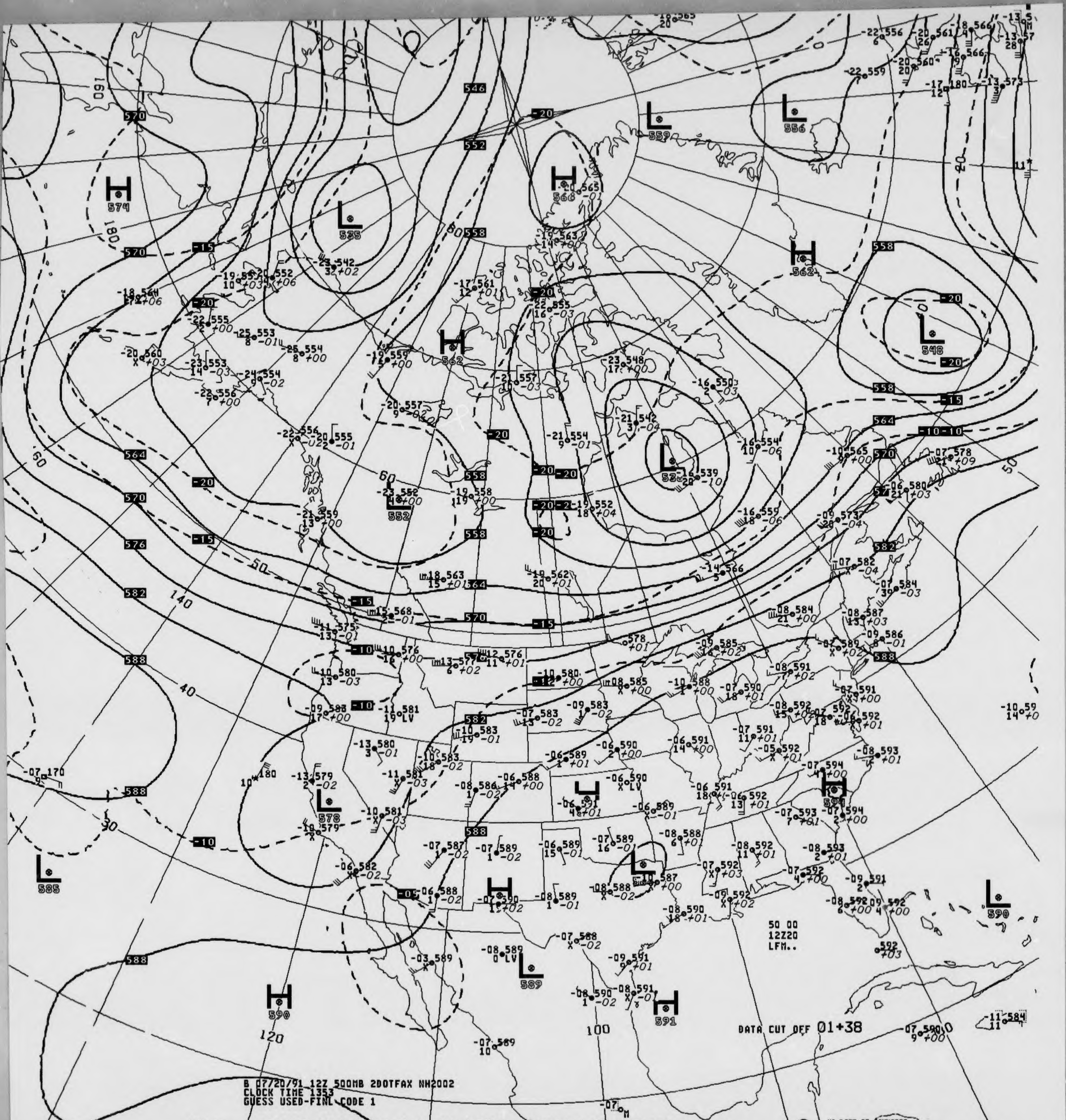


H 573
L 526
H 566
H 562
L 556
H 562
H 563
L 556
L 552
L 544
L 547
H 593
L 577
L 591
H 590
H 592
552
558
564
570
576
582
588
-20
-15
-10
-05
-25
160
180
140
120
80
60
50
40
30
20
50 00
00Z20
LFM..
DATA CUT OFF 01+35

B 07/20/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 152
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 20 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/20/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1353
GUESS USED-FINL CODE 1
DATA CUT OFF 01+38
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12Z20
LFM..
H 574
L 535
H 566
L 559
L 556
H 562
L 548
H 562
L 552
L 528
L 578
L 585
H 590
L 589
H 591
H 590
L 590
546
552
558
564
570
576
582
588
-10
-15
-20
160
180
140
120
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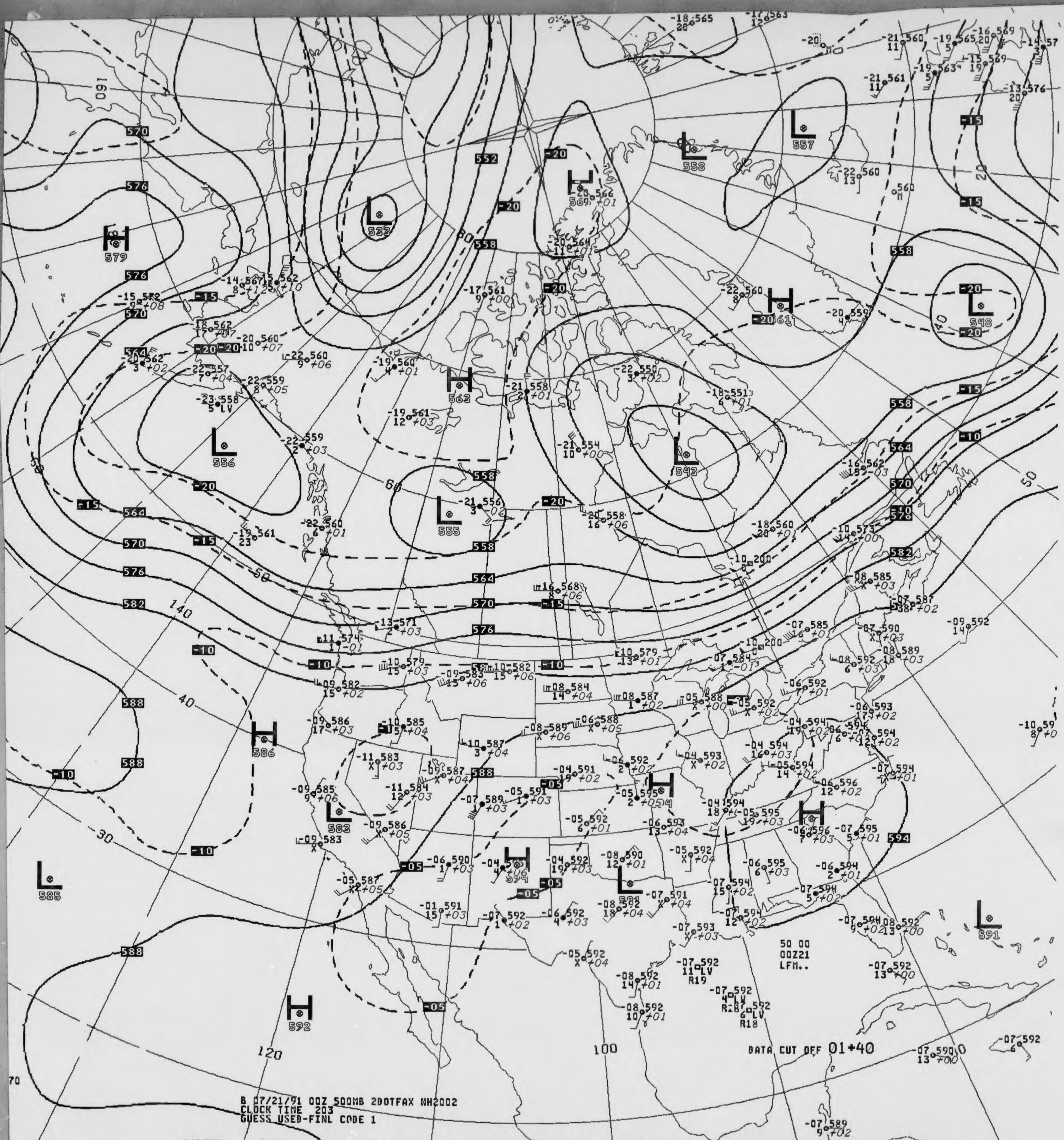
50
40
30

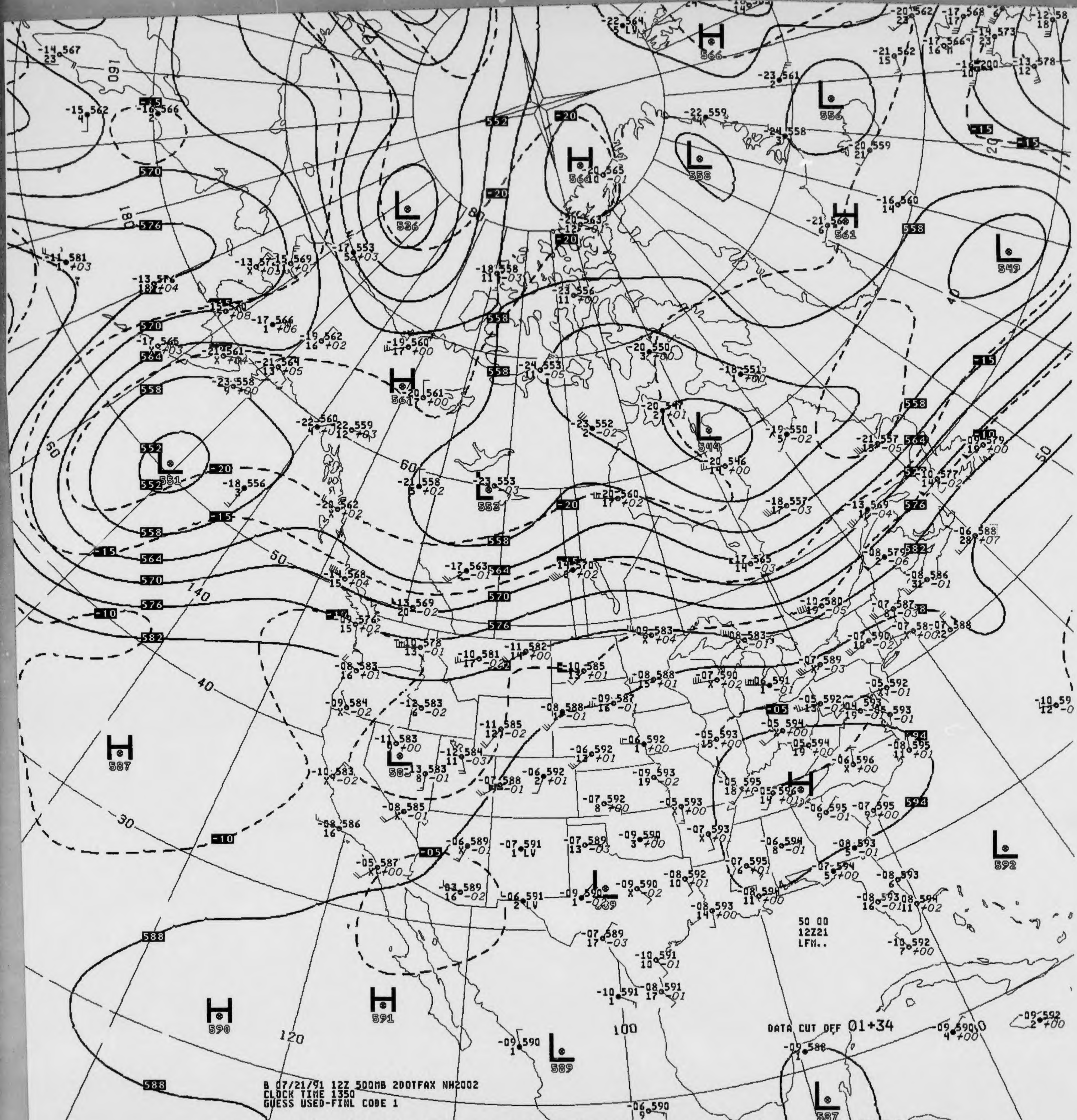
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 20 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 532
H 579
H 569
L 558
L 557
L 548
H 561
L 556
H 563
L 555
L 543
H 586
L 583
H 594
H
L 593
L 585
H 592
L 591
552
558
564
570
576
582
588
594
-20
-15
-10
-05
160
140
120
100
80
60
50
40
30
70
50 00
00Z21
LFM..
DATA CUT OFF 01+40
B 07/21/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 203
GUESS USED-FINL CODE 1

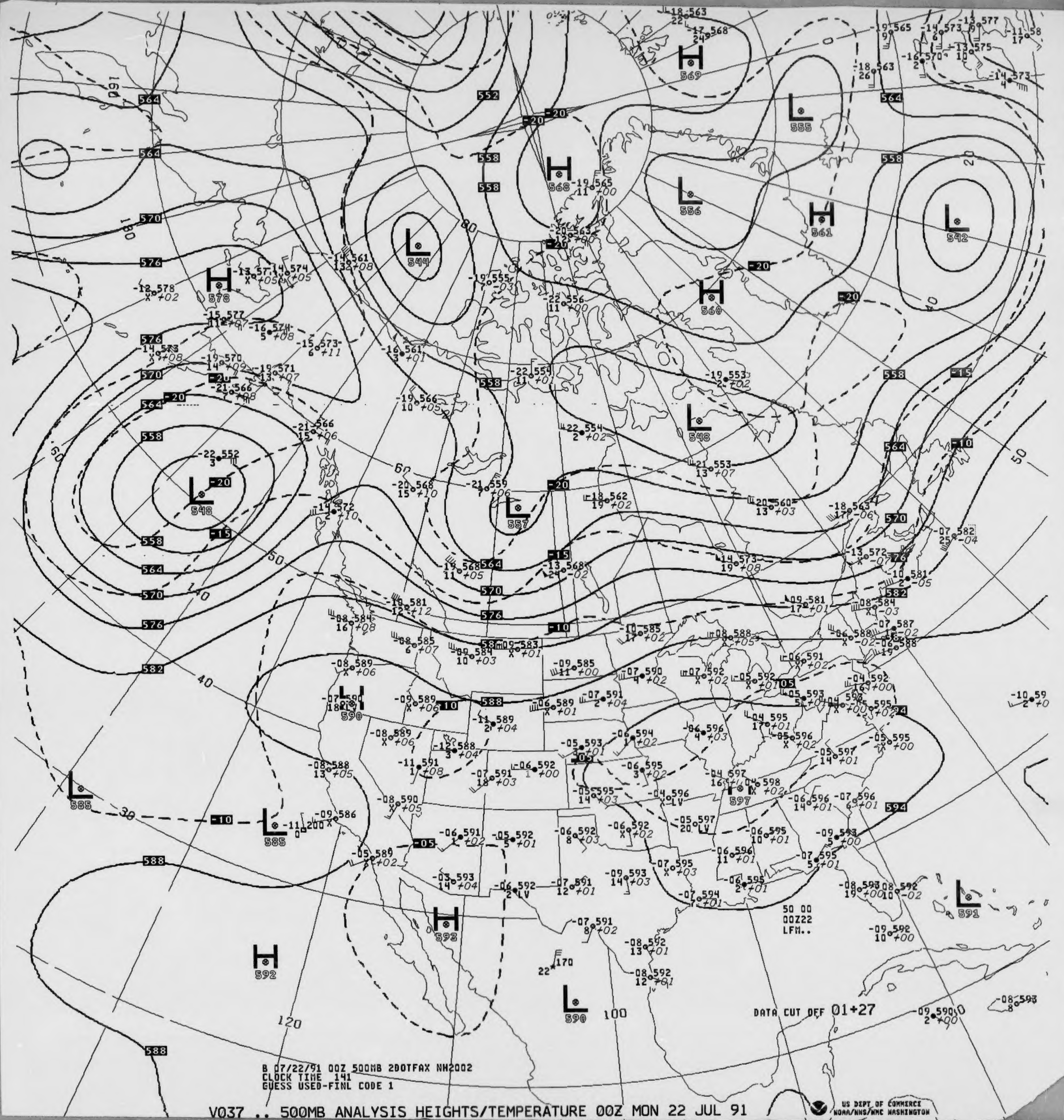
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 21 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/21/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1350
GUESS USED-FINL CODE 1
DATA CUT OFF 01+34
50 00
12Z21
LFM..
H 566
L 556
H 560
L 558
L 536
H 561
L 549
H 561
L 544
L 551
L 553
H 587
L 583
H 596
L 589
L 592
H 590
H 591
L 589
L 587
552
558
564
570
576
582
588
594
-20
-15
-10
-05
160
180
140
120
100
60
50
40
30
80

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 21 JUL 91

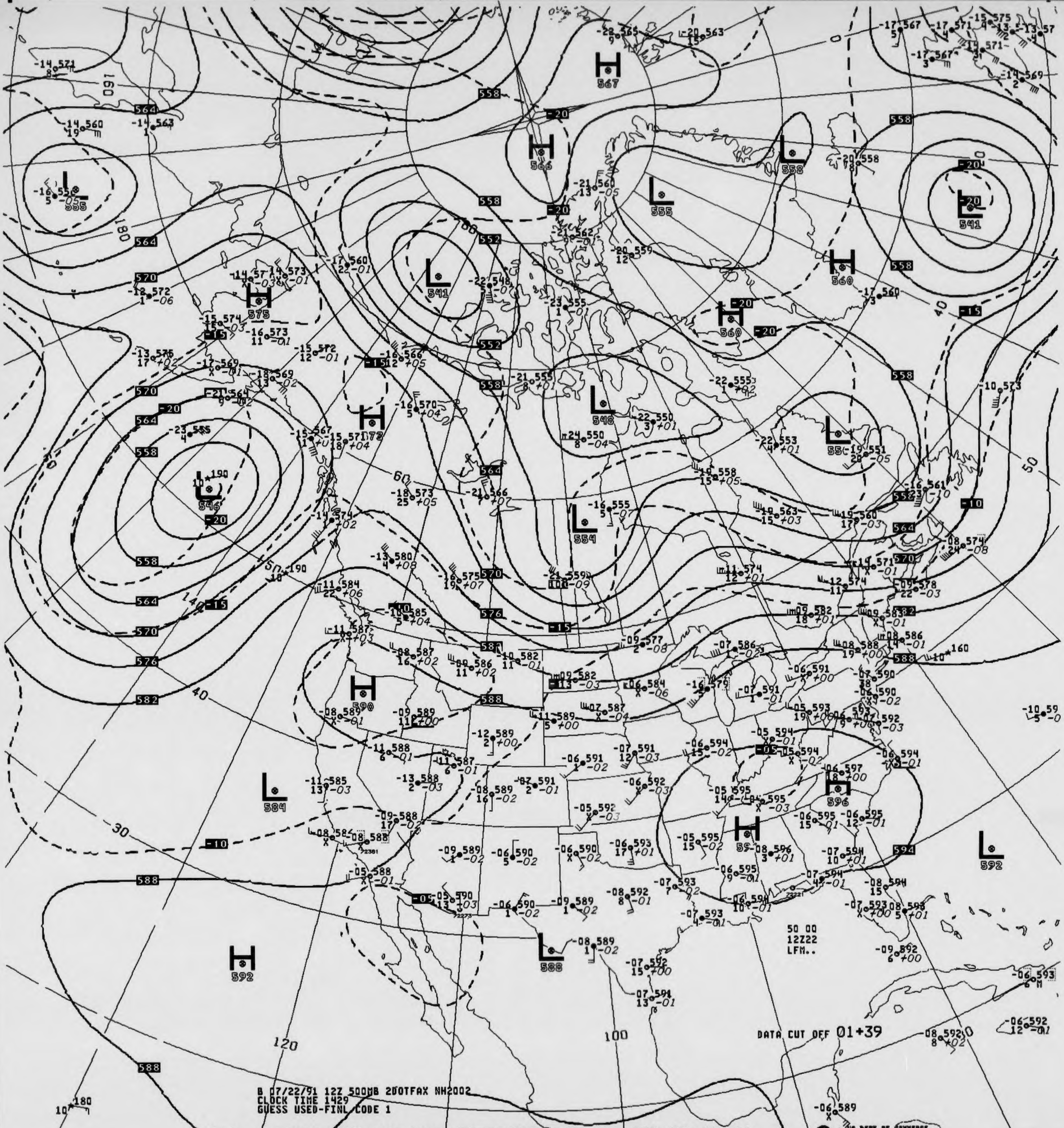
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


50 00
00Z22
LFM..
DATA CUT OFF 01+27

B 07/22/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 141
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 22 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



567
566
555
558
541
560
560
555
575
548
554
546
590
584
596
592
588
592
588
40
50
60
30
120
100
160
180
140
150

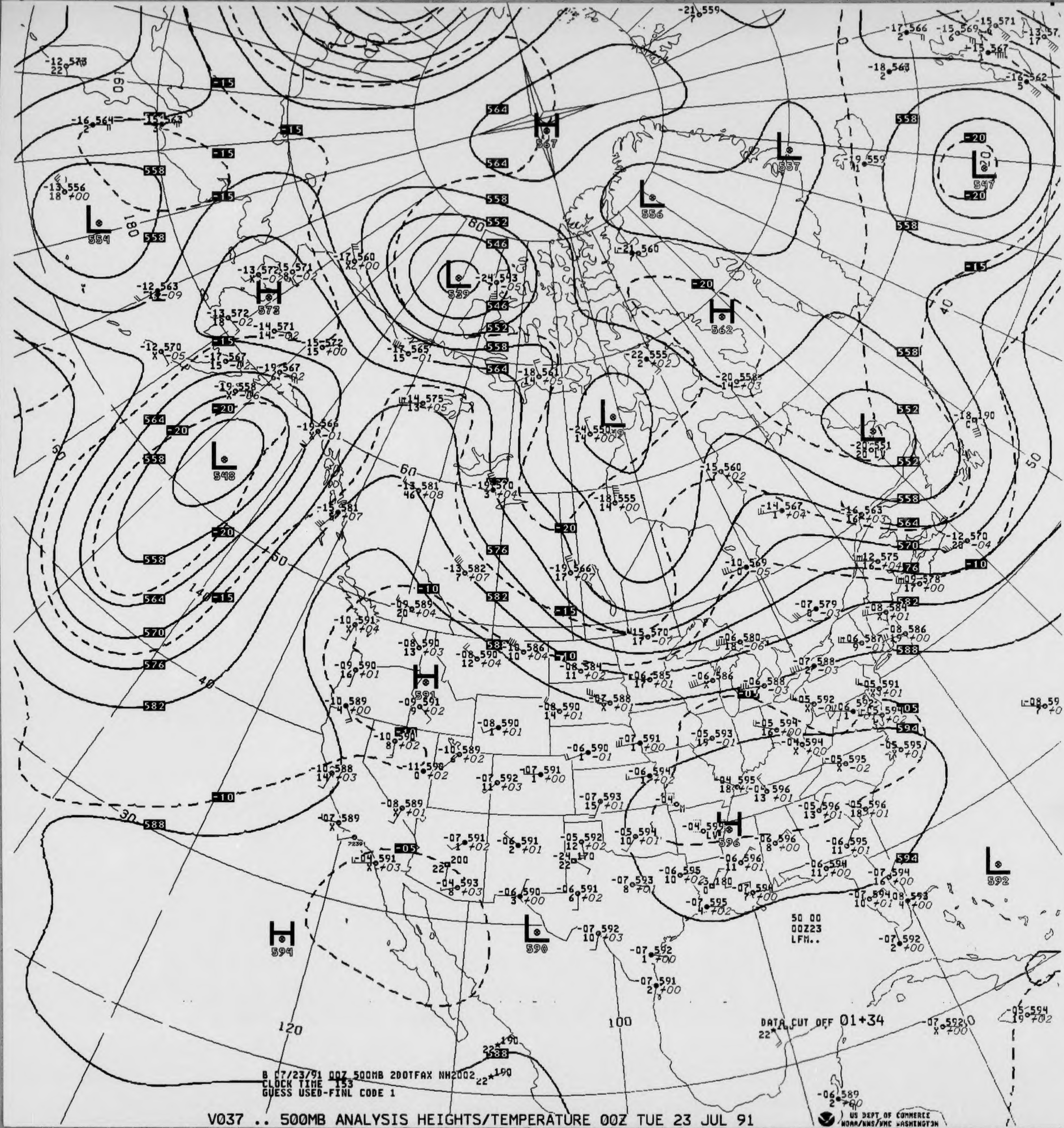
50 00
12Z22
LFM..

DATA CUT OFF 01+39

B 07/22/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1429
GUESS USED-FINL CODE 1

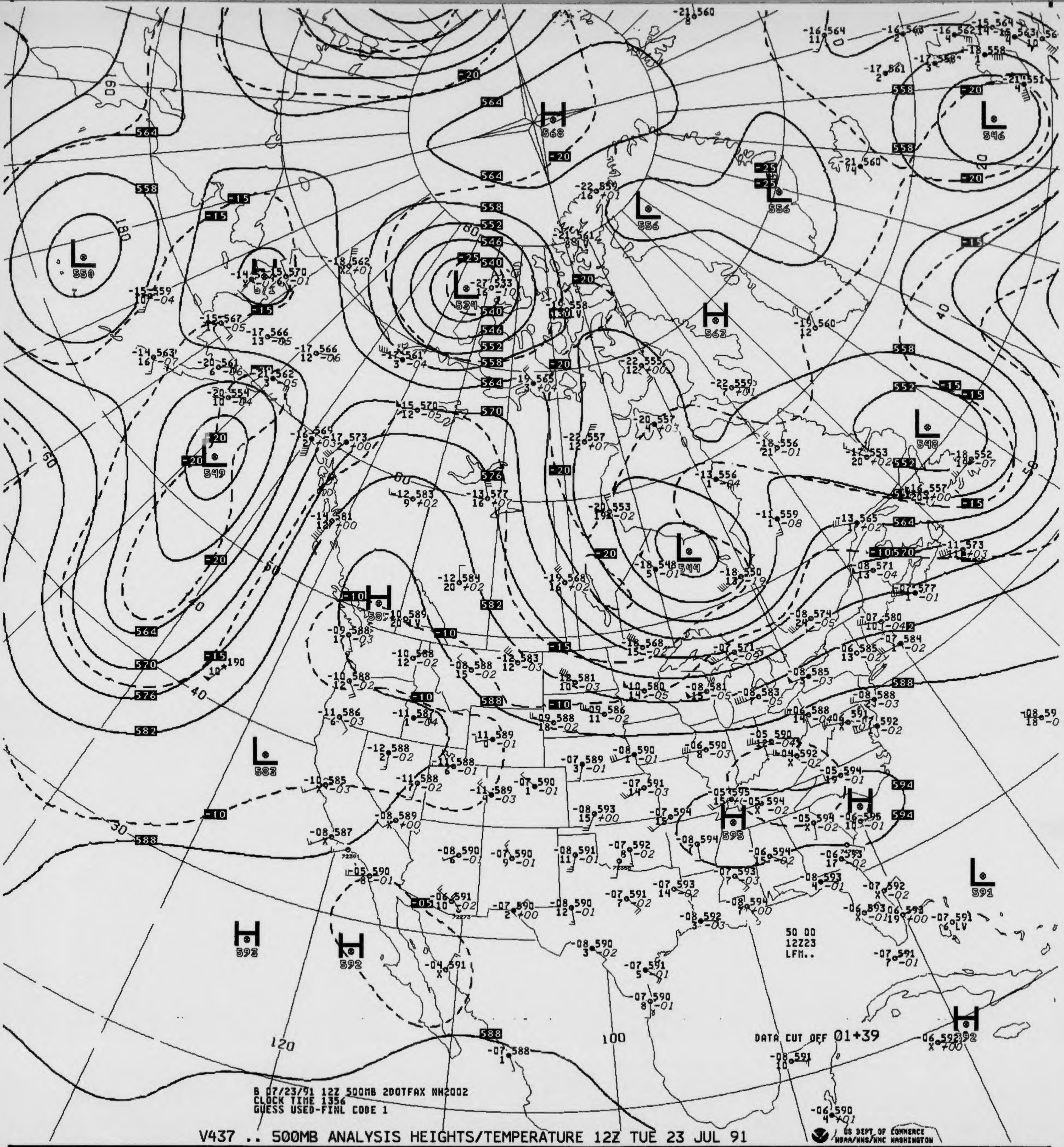
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 22 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/23/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 153
GUESS USED-FINL CODE 1
50 00
00Z23
LFM..
DATA CUT OFF 01+34

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 23 JUL 91

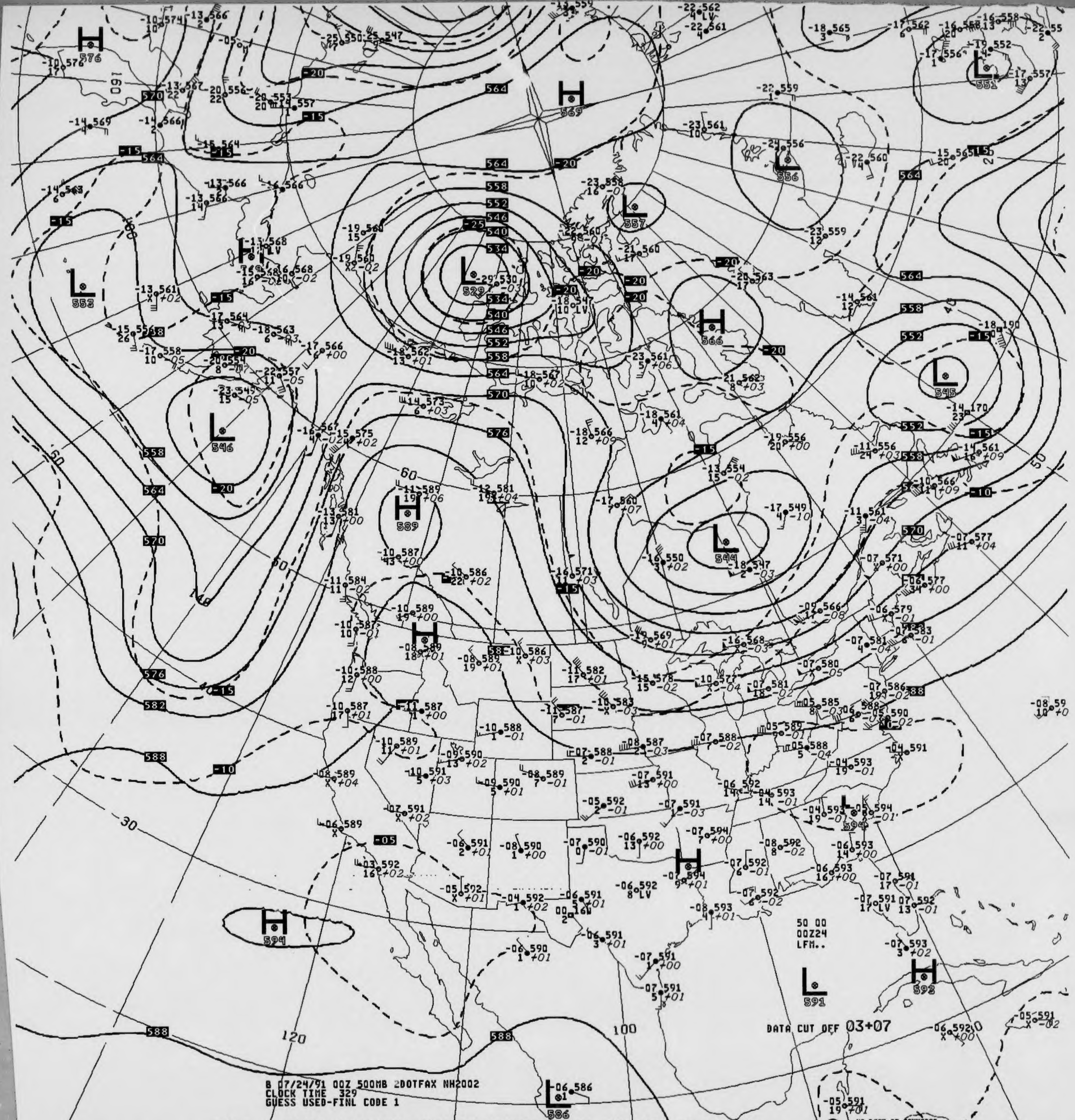
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+39
50 00
12Z23
LFM..
L 550
L 549
L 534
L 568
L 556
L 556
L 546
H 563
L 548
L 544
H 58
L 583
H 595
H
L 591
H 592
H 592
H 592
120
100
180
160

B 07/23/91 12Z 500MB 200TFAX NH2002
CLOCK TIME 1356
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 23 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



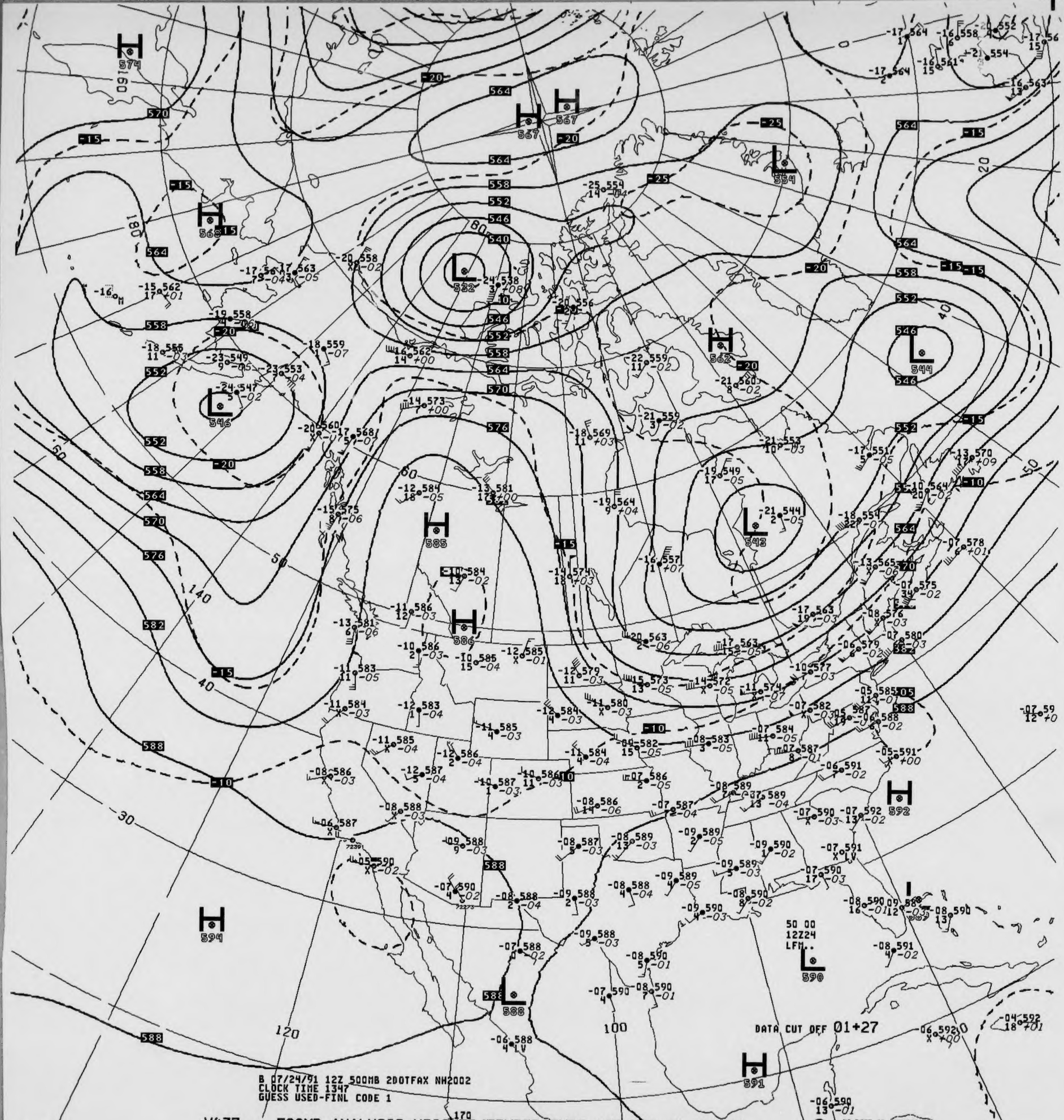
B 07/24/91 00Z 500MB 200TFAX NH2002
CLOCK TIME 329
GUESS USED-FINL CODE 1

50 00
00Z24
LFM..

DATA CUT OFF 03+07

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 24 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/24/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1347
GUESS USED-FINL CODE 1
DATA CUT OFF 01+27
50 00
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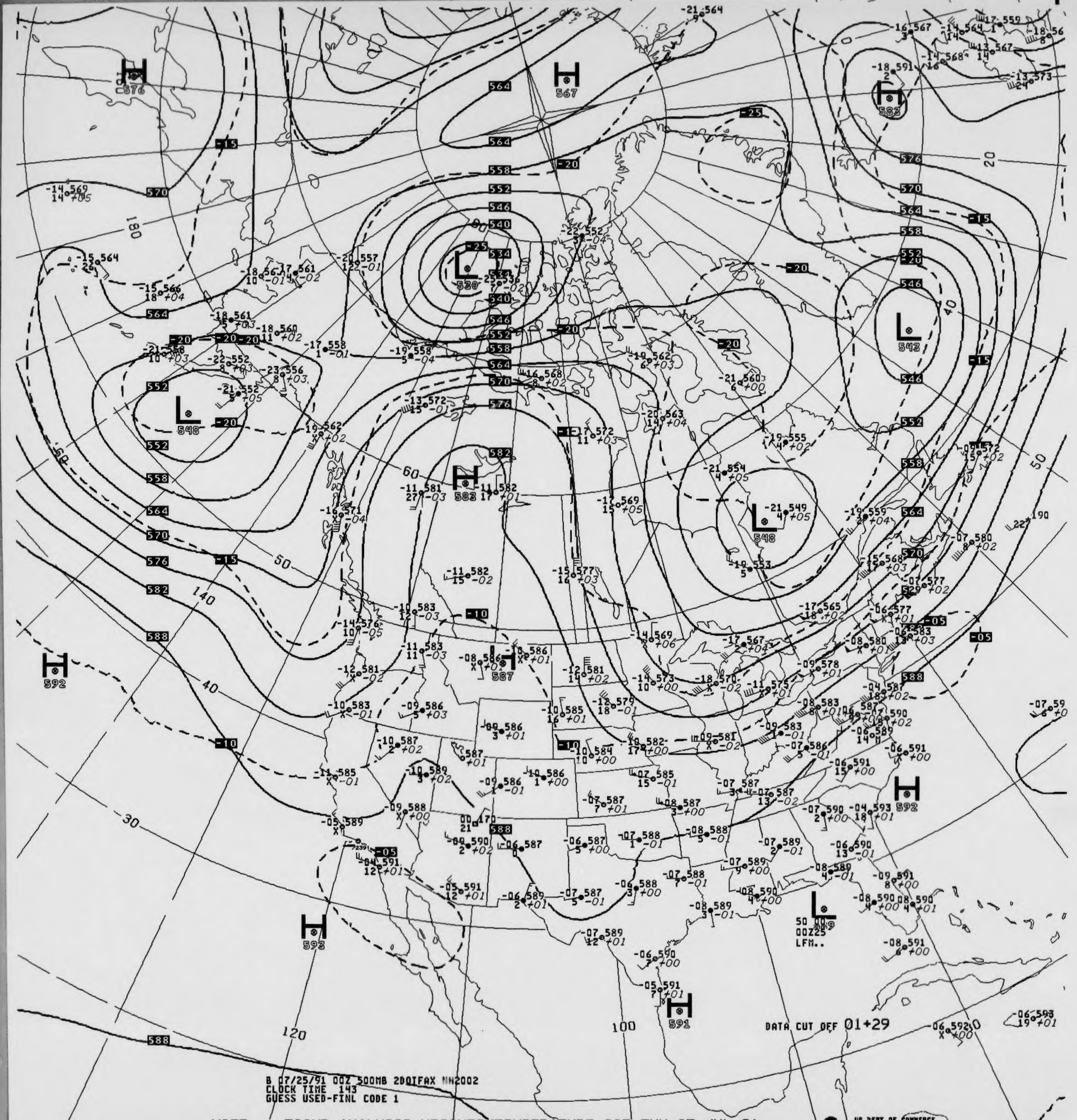
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

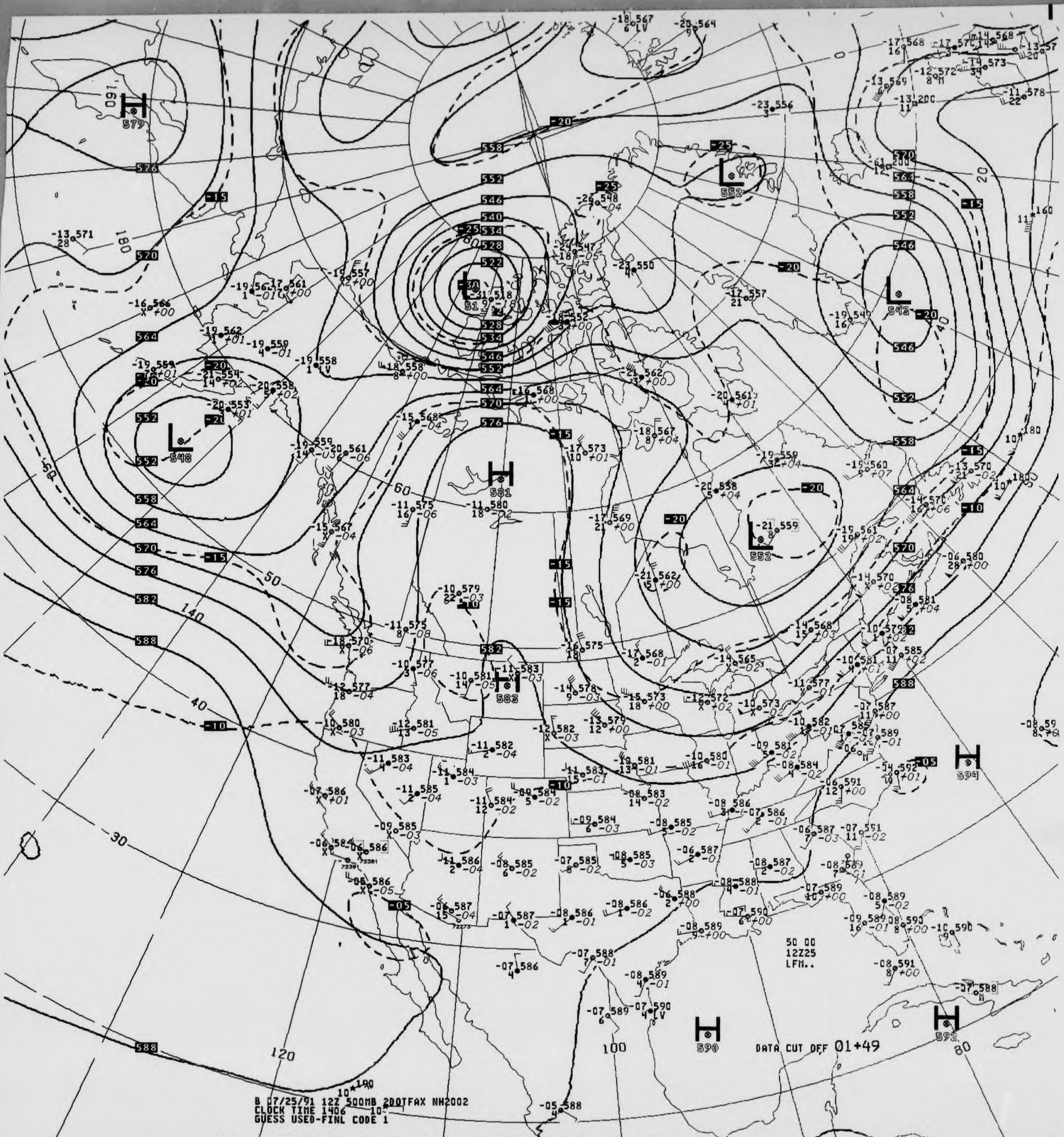
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 24 JUL 91

700MB


H 576
H 567
H 583
L 530
L 548
L 542
H 583
L 548
H 592
H 587
H 592
H 593
H 591
L
50 009
00Z25
LFM..
564
558
552
546
540
534
570
576
582
588
-15
-20
-25
-10
-05
180
140
120
100
60
50
40
30
20
DATA CUT OFF 01+29
B 07/25/91 00Z 500MB 2DQIFAX NH2002
CLOCK TIME 143
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 25 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/25/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1406
GUESS USED-FINL CODE 1
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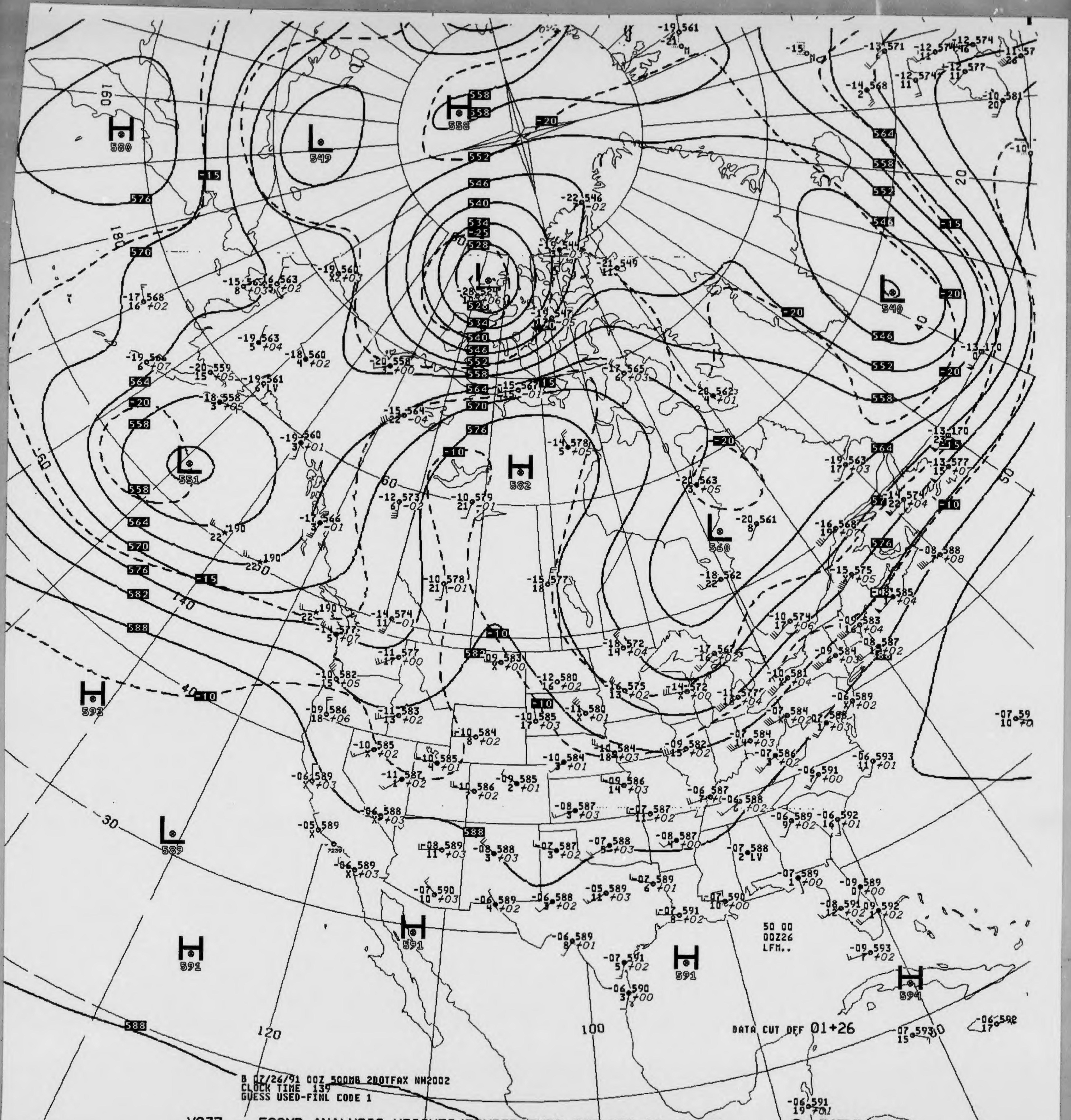
DATA CUT OFF 01+49

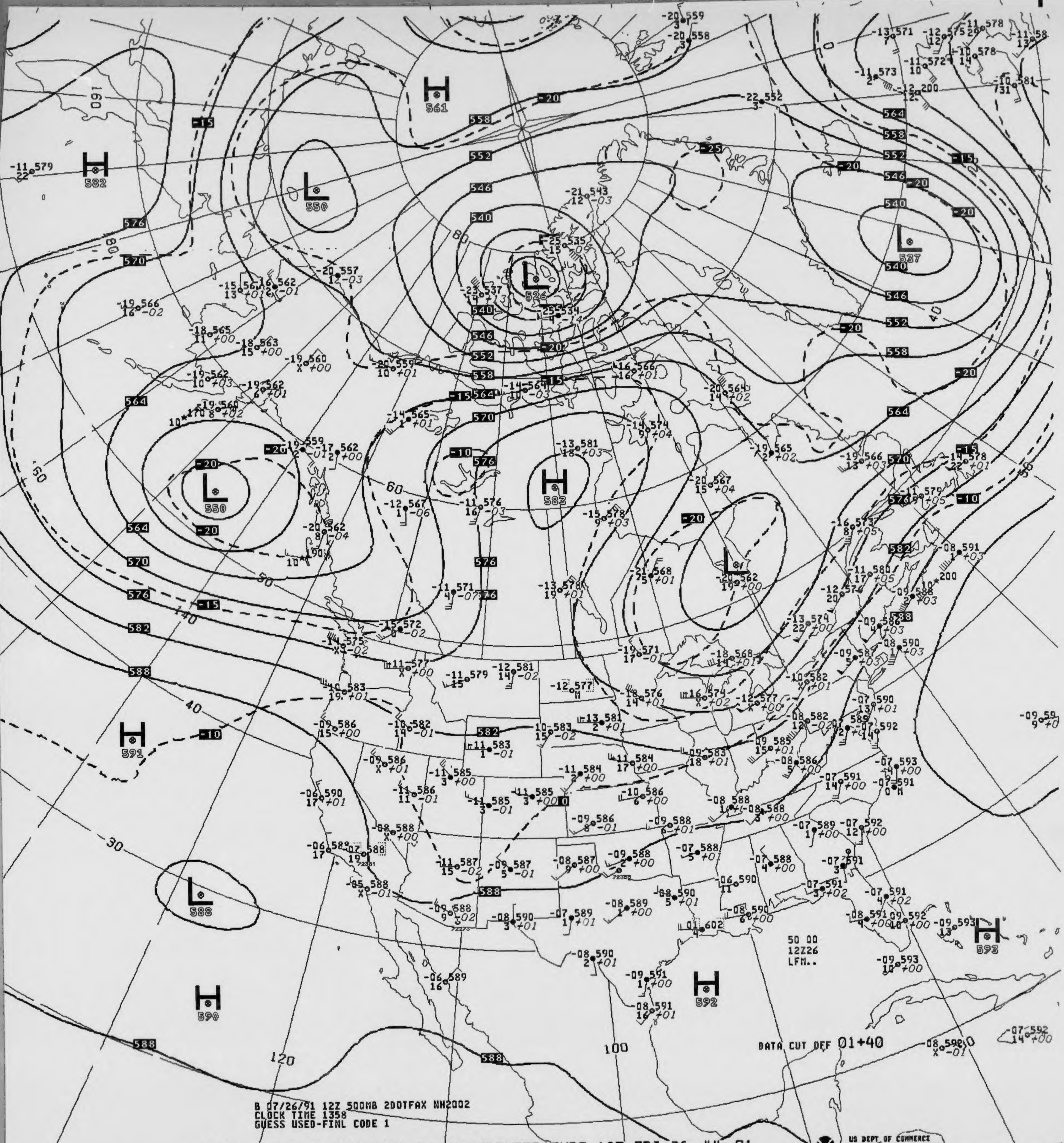
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 25 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 580
L 549
H 558
L 523
L 551
H 582
L 560
L 540
H 592
L 589
H 591
H 591
H 591
H 594
50 00
00Z26
LFM..
DATA CUT OFF 01+26
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 07/26/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 139
GUESS USED-FINL CODE 1

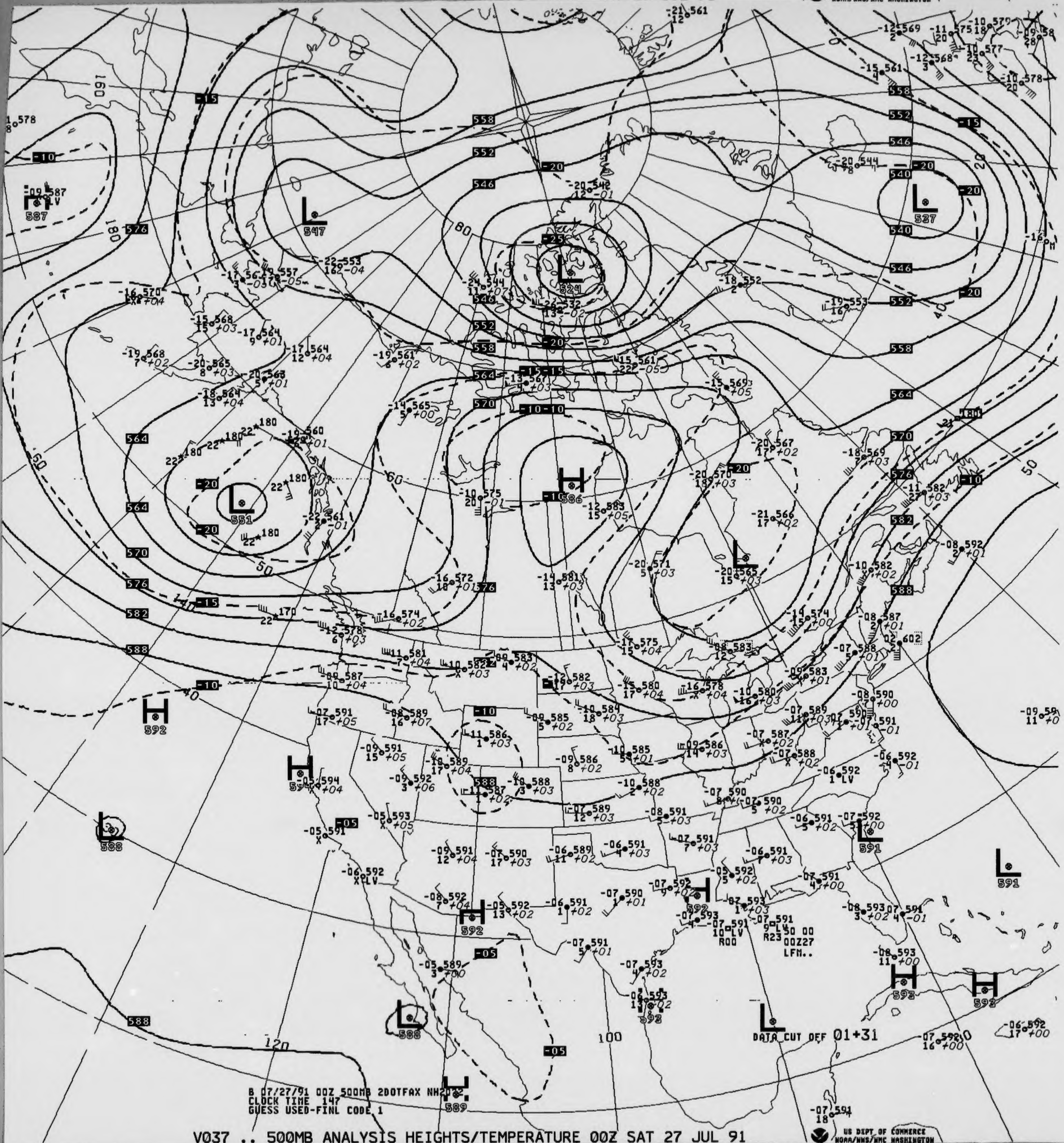
V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 26 JUL 91


H 561
H 582
L 550
L 526
L 527
L 550
H 583
L 562
H 591
L 588
H 590
H 592
H 593
50 00
12Z26
LFM..
DATA CUT OFF 01+40

B 07/26/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1358
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 26 JUL 91

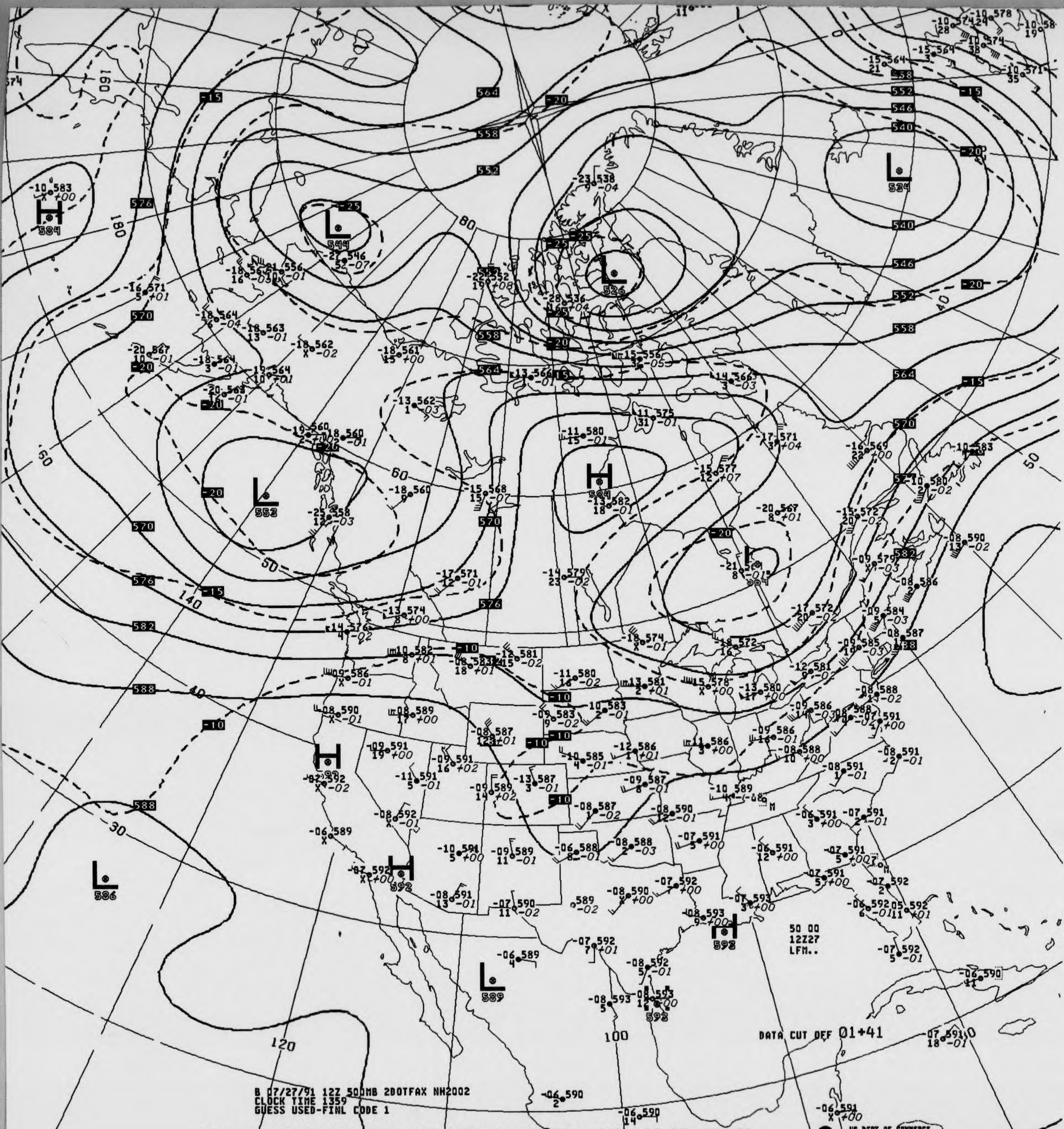
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 547
L 524
L 527
L 551
H 586
L 565
H 592
H 594
L 588
L 591
L 591
H 592
H 592
L 588
H 593
H 593
L
L 589
558
552
546
540
564
570
576
582
588
-10
-15
-20
-25
-05
80
60
50
40
20
100
120
140
160
180
DATA CUT OFF 01+31
R23 30 00
00Z27
LFM..
ROO

B 07/27/91 00Z 500MB 2DOTFAX NH2O2
CLOCK TIME 147
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 27 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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DATA CUT OFF 01+41

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CLOCK TIME 1359
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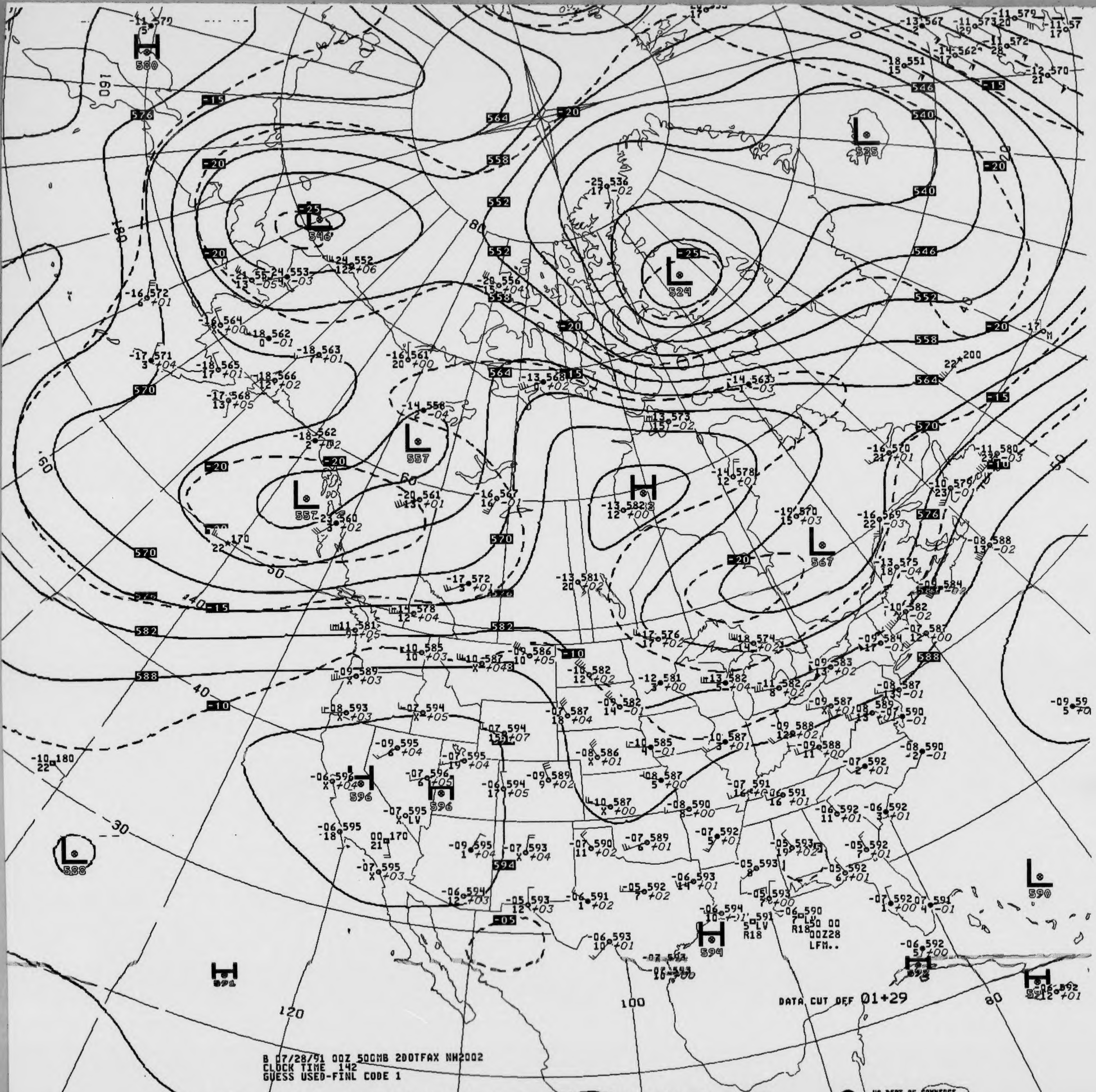
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 27 JUL 91

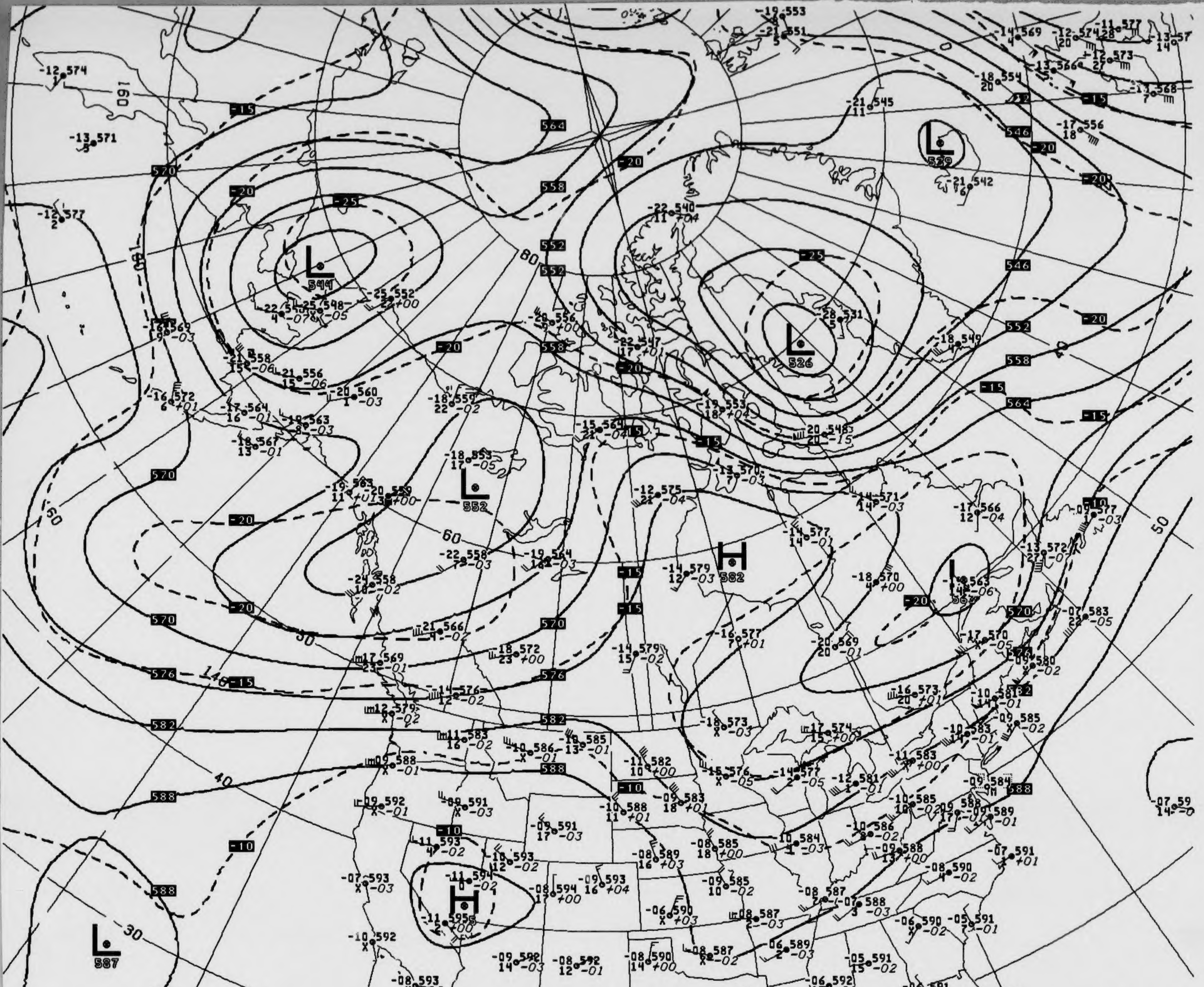
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



580
576
570
564
558
552
546
540
582
588
594
-15
-20
-25
-10
-05
H 580
L 546
L 557
L 557
H 582
L 524
L 525
L 567
H 596
H 596
L 588
H 594
H 591
L 590
DATA CUT OFF 01+29
120
100
80
160
180
LFM..
B 07/28/91 00Z 500MB 20OTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 28 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 1408
GUESS USED-FINL CODE 1
DATA CUT OFF 01+37
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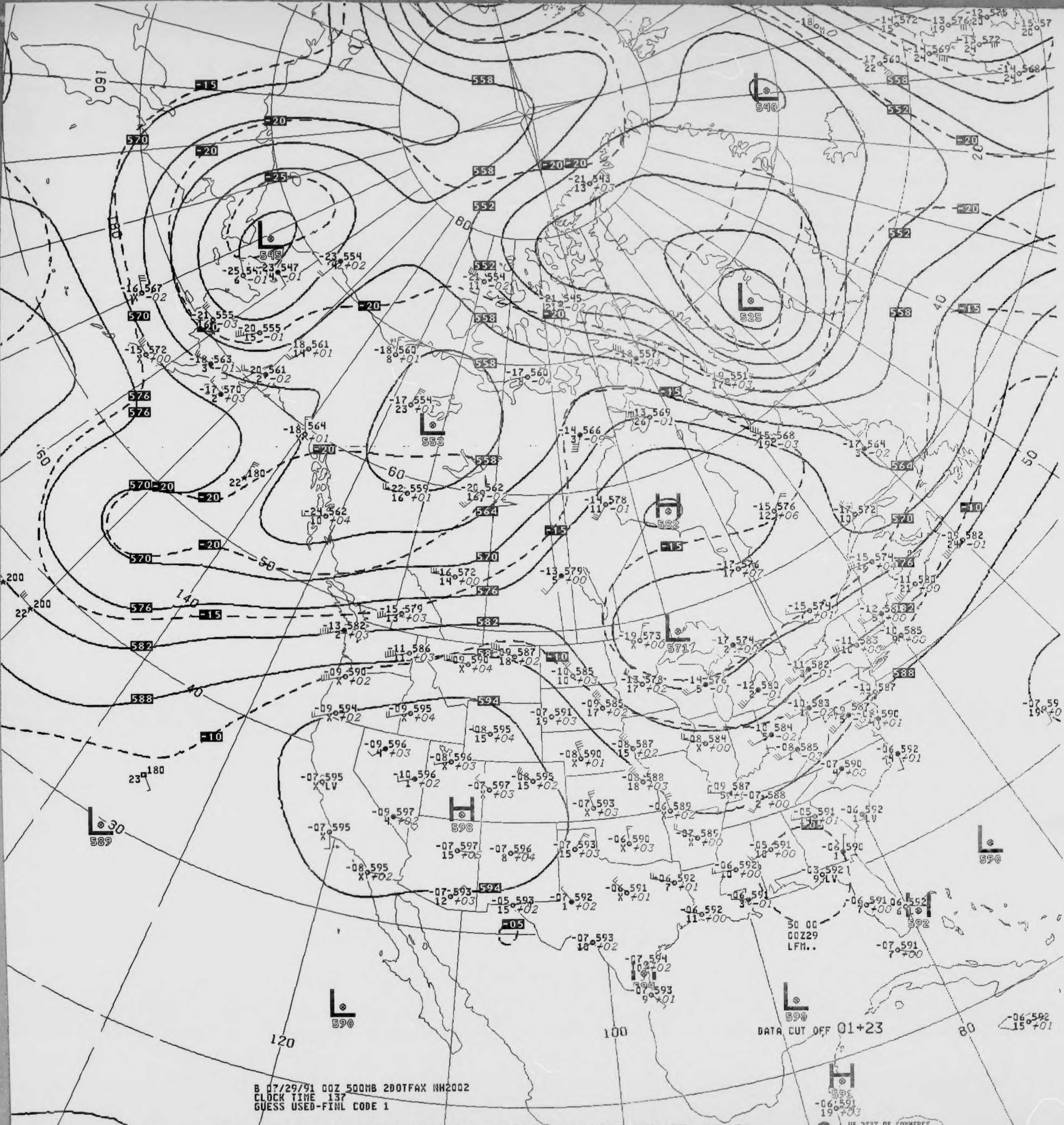
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 28 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

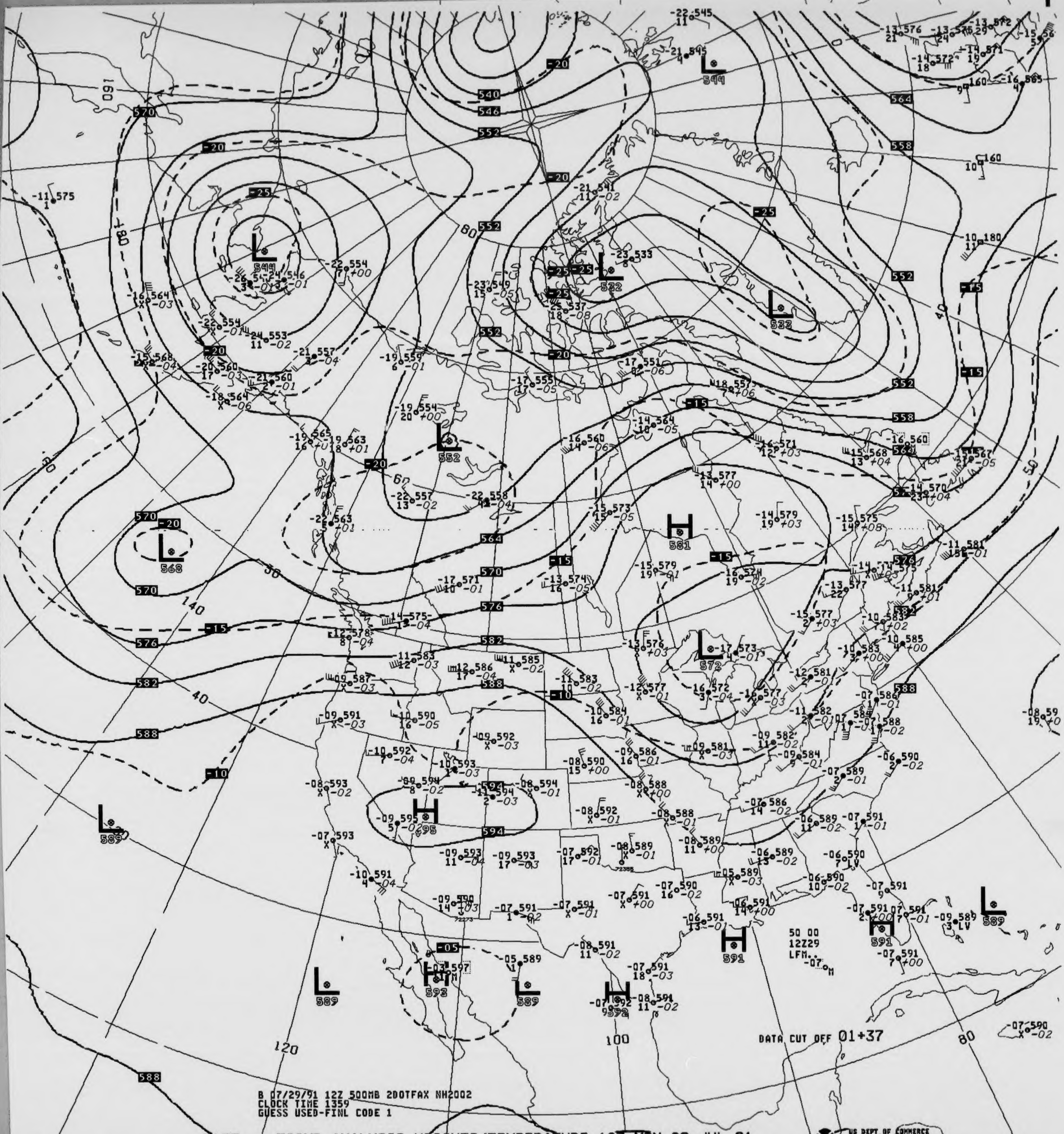


L 545
L 540
L 525
L 553
H 582
L 571
H 598
L 589
L 590
L 590
L 590
H 591
50 00
00Z29
LFM..
DATA CUT OFF 01+23

B 07/29/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 137
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 29 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



DATA CUT OFF 01+37
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12Z29
LFM..
552
L
544
L
532
L
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L
568
L
552
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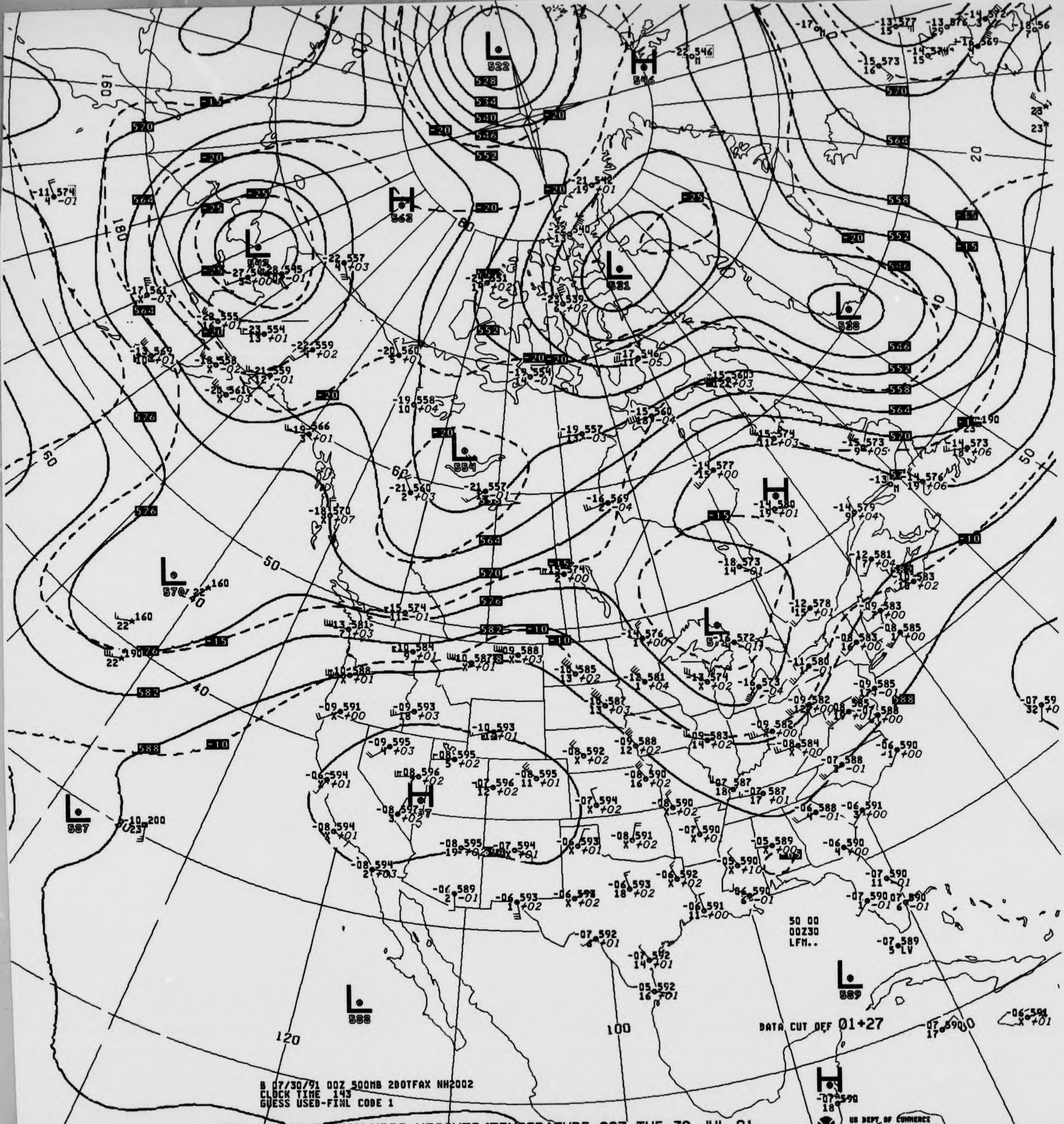
L
572
H
595
L
589
H
593
L
589
L
589
H
9372
H
591
H
591
L
589
540
546
552
558
564
570
576
582
588
594
-20
-25
-15
-10
-05
160
180
140
120
100
80
60
40
50
30

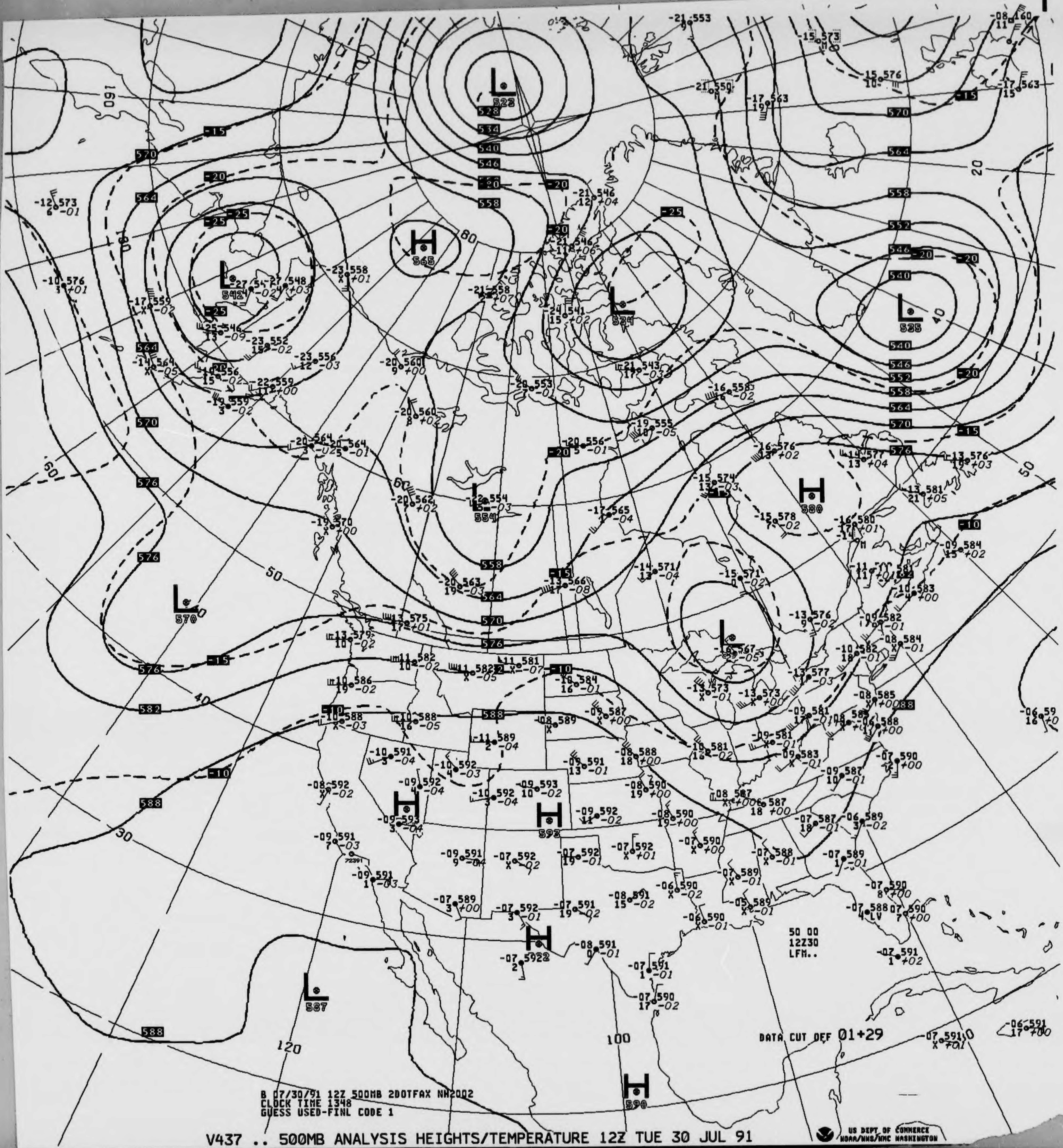
B 07/29/91 12Z 500MB 200TFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 29 JUL 91

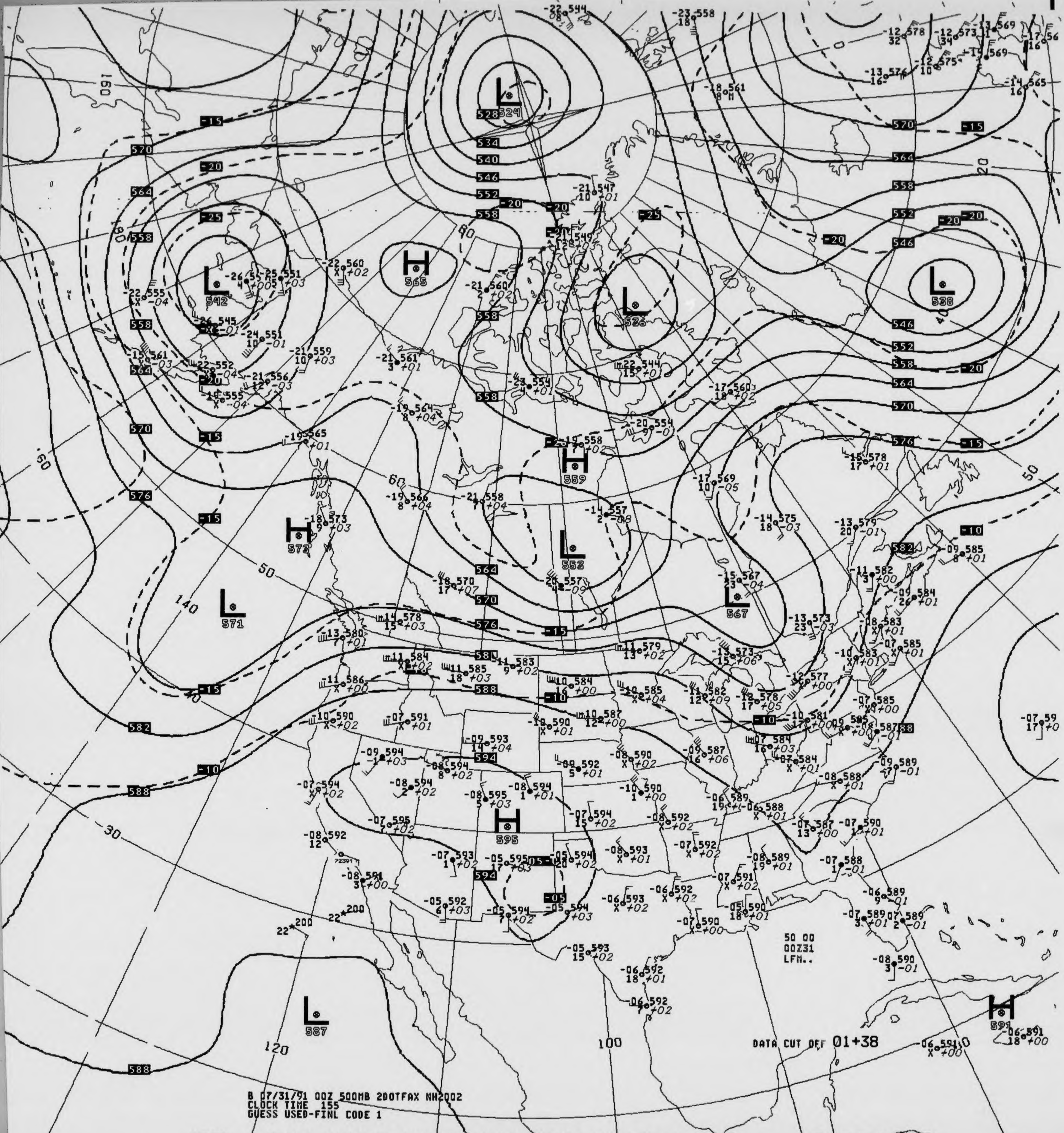
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 522
H 546
L 542
H 562
L 531
L 528
L 554
H 580
L 570
L 572
H 597
L 587
L 588
L 589
H 590
50 00
00Z30
LFM..
DATA CUT OFF 01+27
B 07/30/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 143
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 30 JUL 91


L 528
L 542
H 565
L 524
L 535
H 580
L 554
L 570
L 567
H 593
H 592
H 592
L 587
H 590
160
180
80
60
50
40
30
20
120
100
B 07/30/91 12Z 500MB 2DOTFAX NH2002
CLOCK TIME 1348
GUESS USED-FINL CODE 1
50 00
12Z30
LFM..
DATA CUT OFF 01+29
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

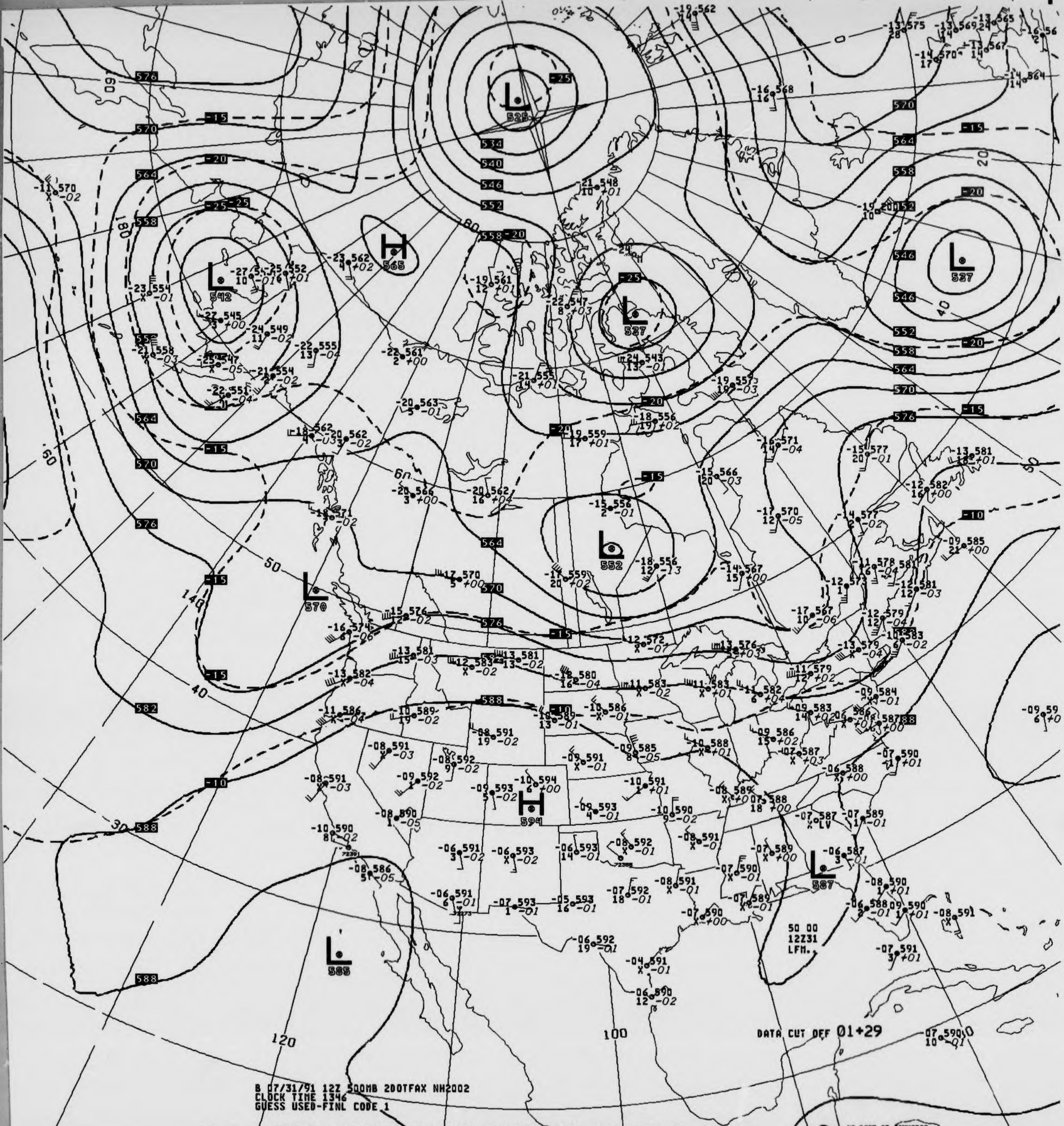
V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 30 JUL 91


50 00
00Z31
LFM..
DATA CUT OFF 01+38
528
524
542
565
536
538
559
572
553
571
567
595
587
591
120
100
140
160
30
40
50
60

B 07/31/91 00Z 500MB 2DOTFAX NH2002
CLOCK TIME 155
GUESS USED-FINL CODE 1

V037 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 31 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 525
L 542
H 565
L 537
L 537
L 552
L 570
H 594
L 587
L 585
576
570
564
558
552
546
540
534
582
588
-25
-20
-15
-10
DATA CUT OFF 01+29
50 00
12Z31
LFM..
120
100
60
50
40
30
140
160
180

B 07/31/91 12Z 500MB 20DTFAX NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1

V437 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 31 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

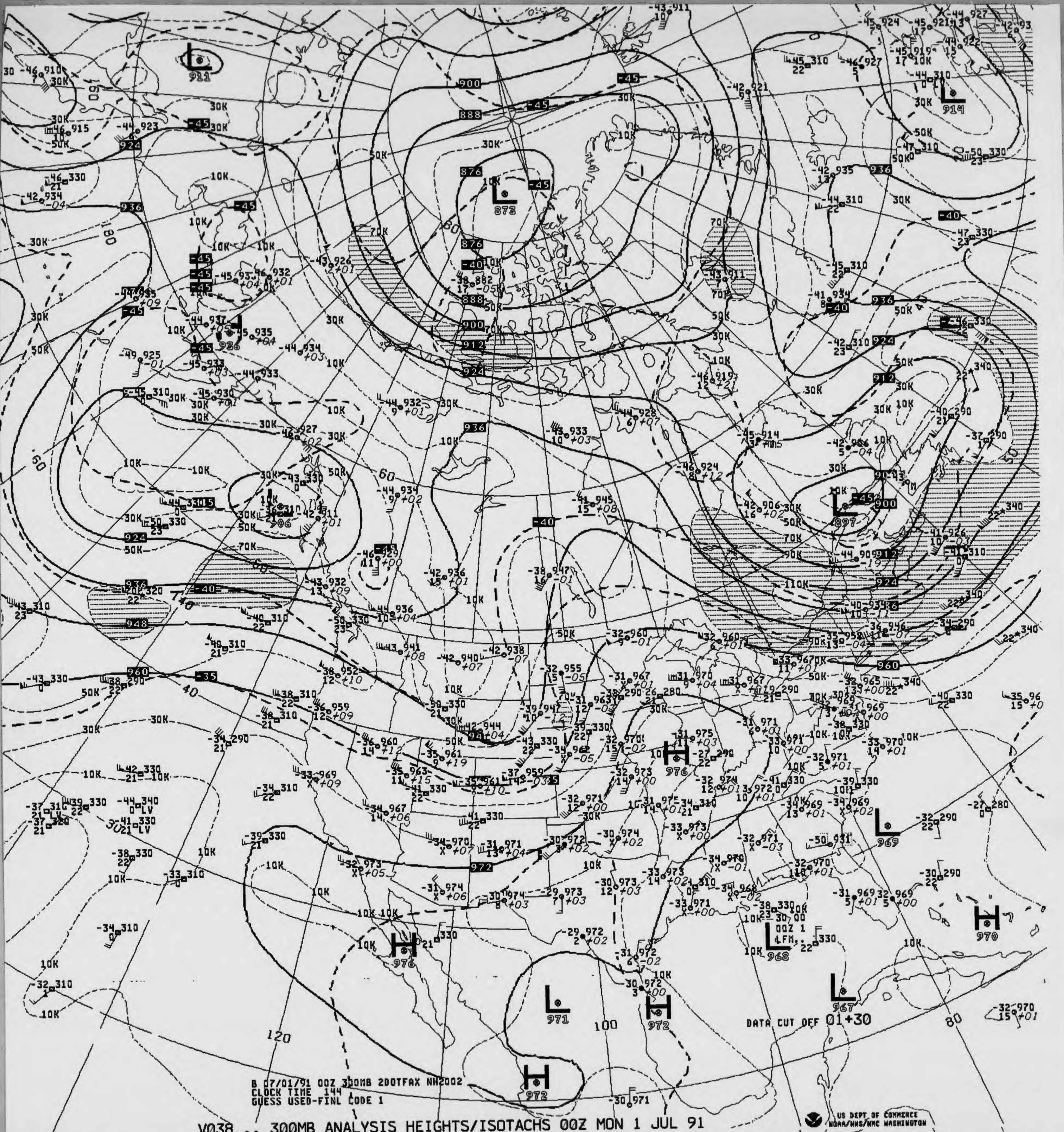
(OAA Form 48 - 363A
Rev. 8- 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information S
National Climatic Data Center

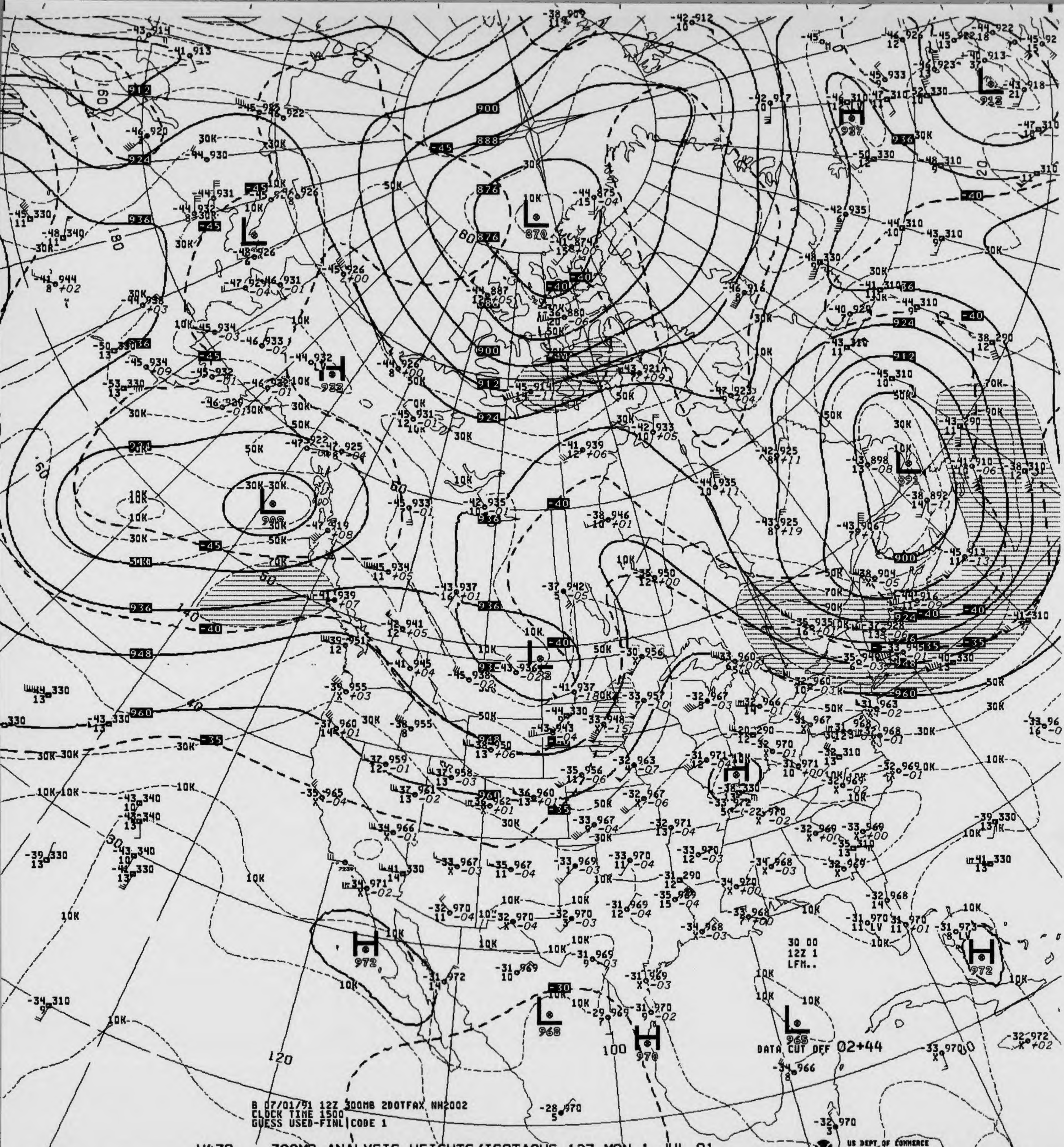
300 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING


B 07/01/91 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 144
GUESS USED-FINL CODE 1
DATA CUT OFF 01+30
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
L 911
L 914
L 873
L 906
L 897
L 968
L 967
L 971
H 976
H 976
H 972
H 972
H 970
120
100
80

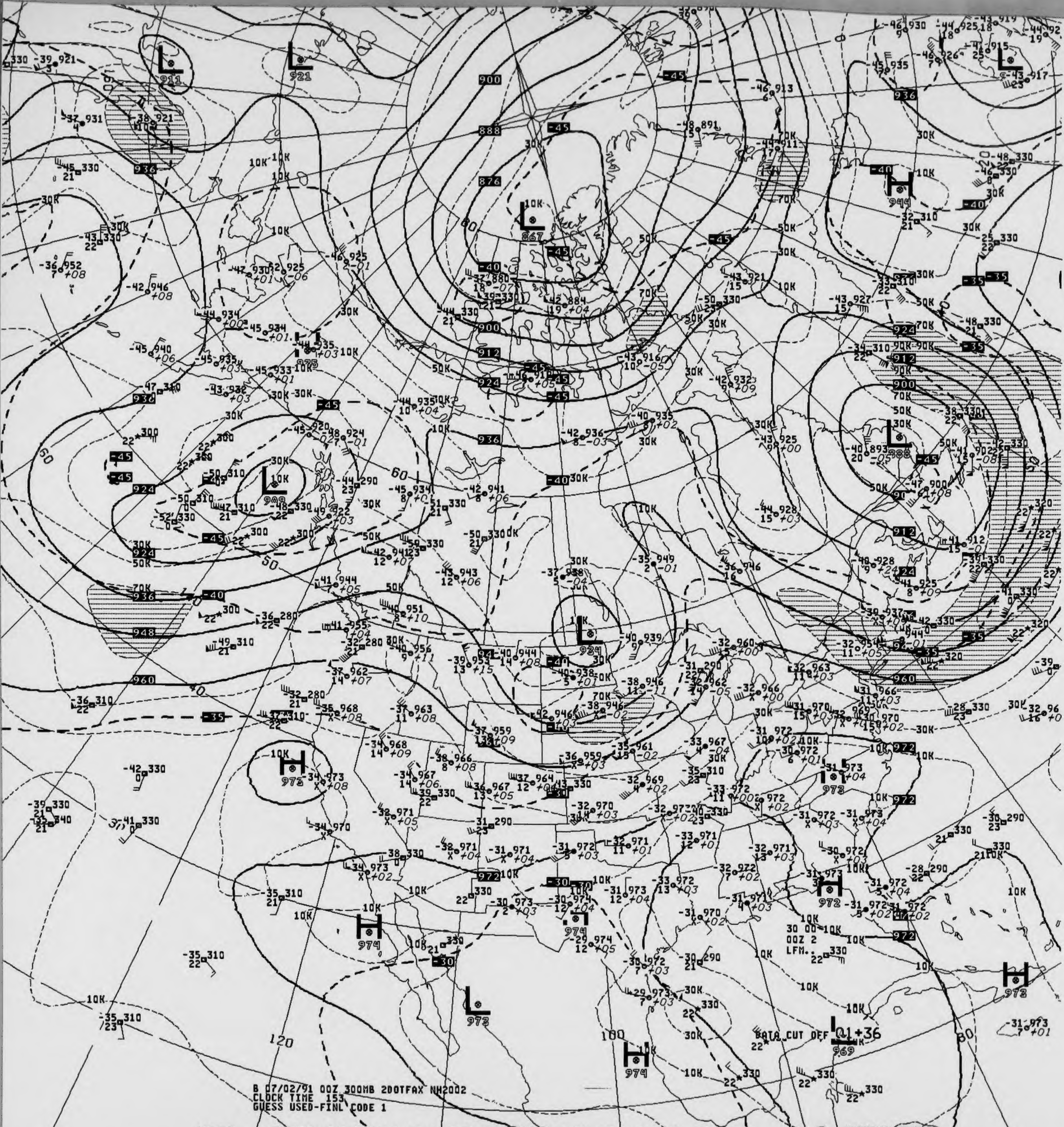
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 1 JUL 91


30 00
12Z 1
LFM..
DATA CUT OFF 02+44

B 07/01/91 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1500
GUESS USED-FINL|CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 1 JUL 91

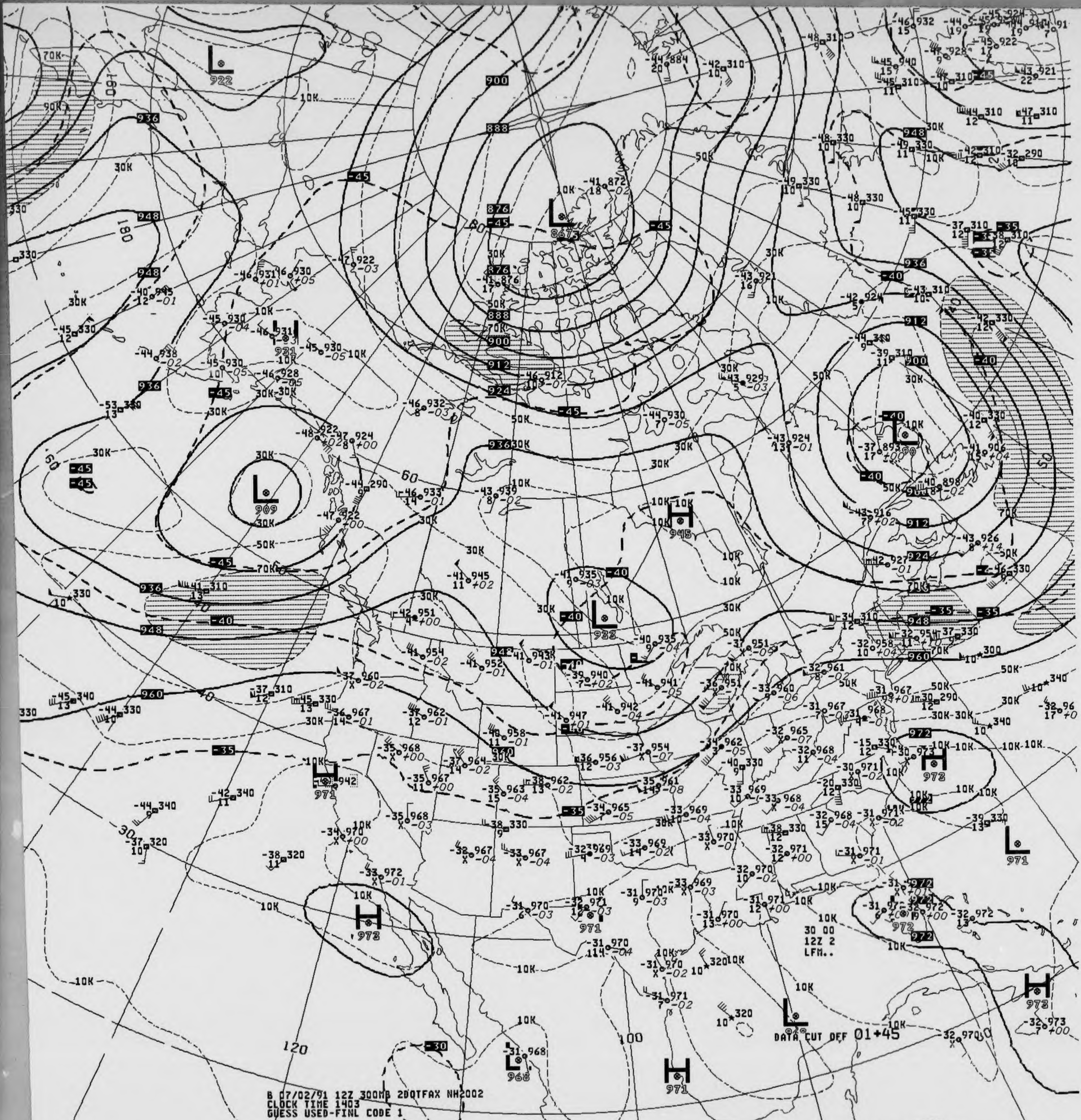
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF
30 00Z 2 LFM..

B 07/02/91 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 153
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 2 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 922
L 867
L 909
L 933
L 890
H 945
H 971
H 972
H 973
H 971
L 971
L 968
888
900
912
924
936
948
960
-45
-40
-35
-30
10K
30K
50K
70K
90K
180
160
120
100
60
40

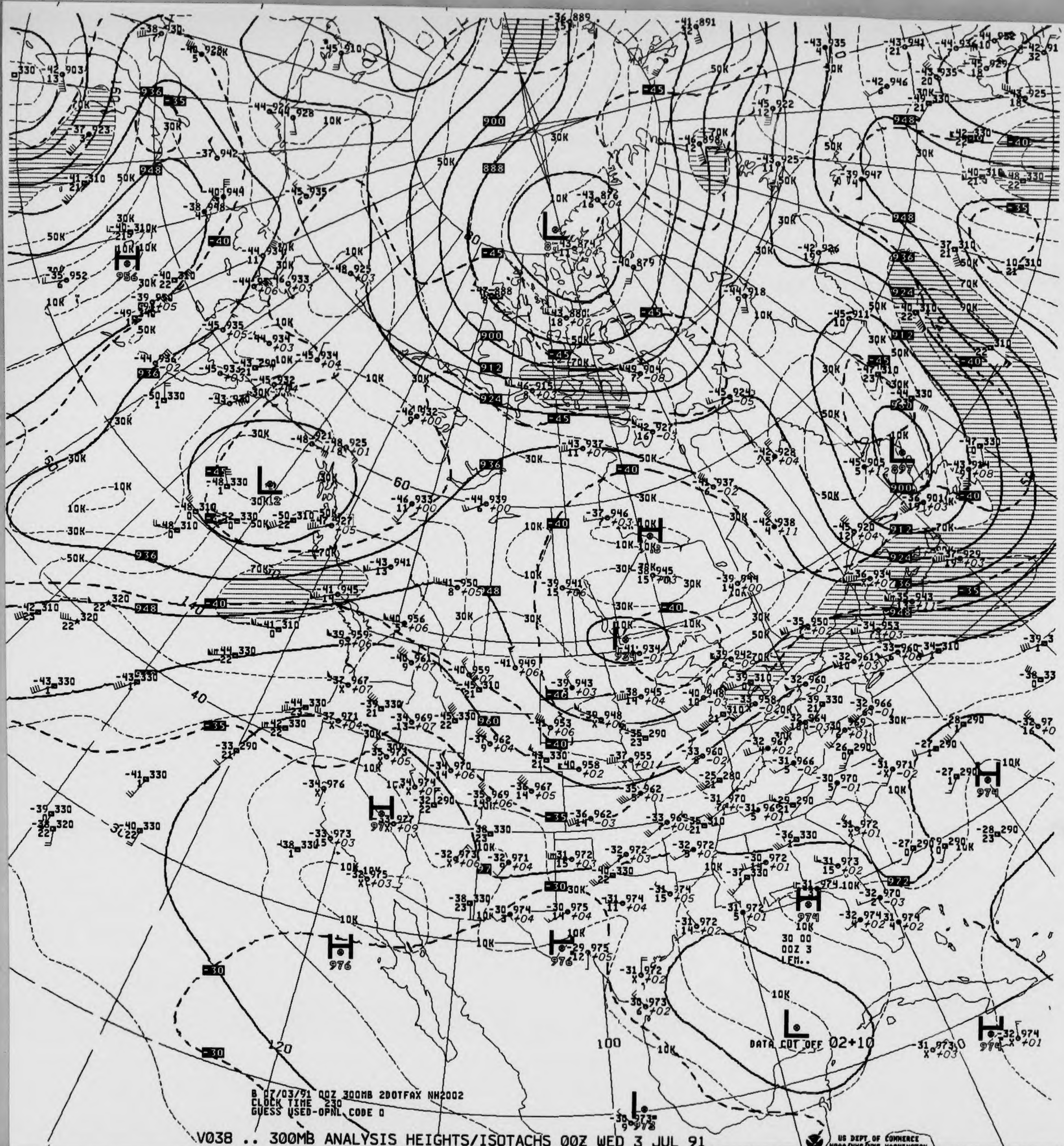
DATA CUT OFF 01+45

30 00
12Z 2
LFM..

B 07/02/91 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1403
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 2 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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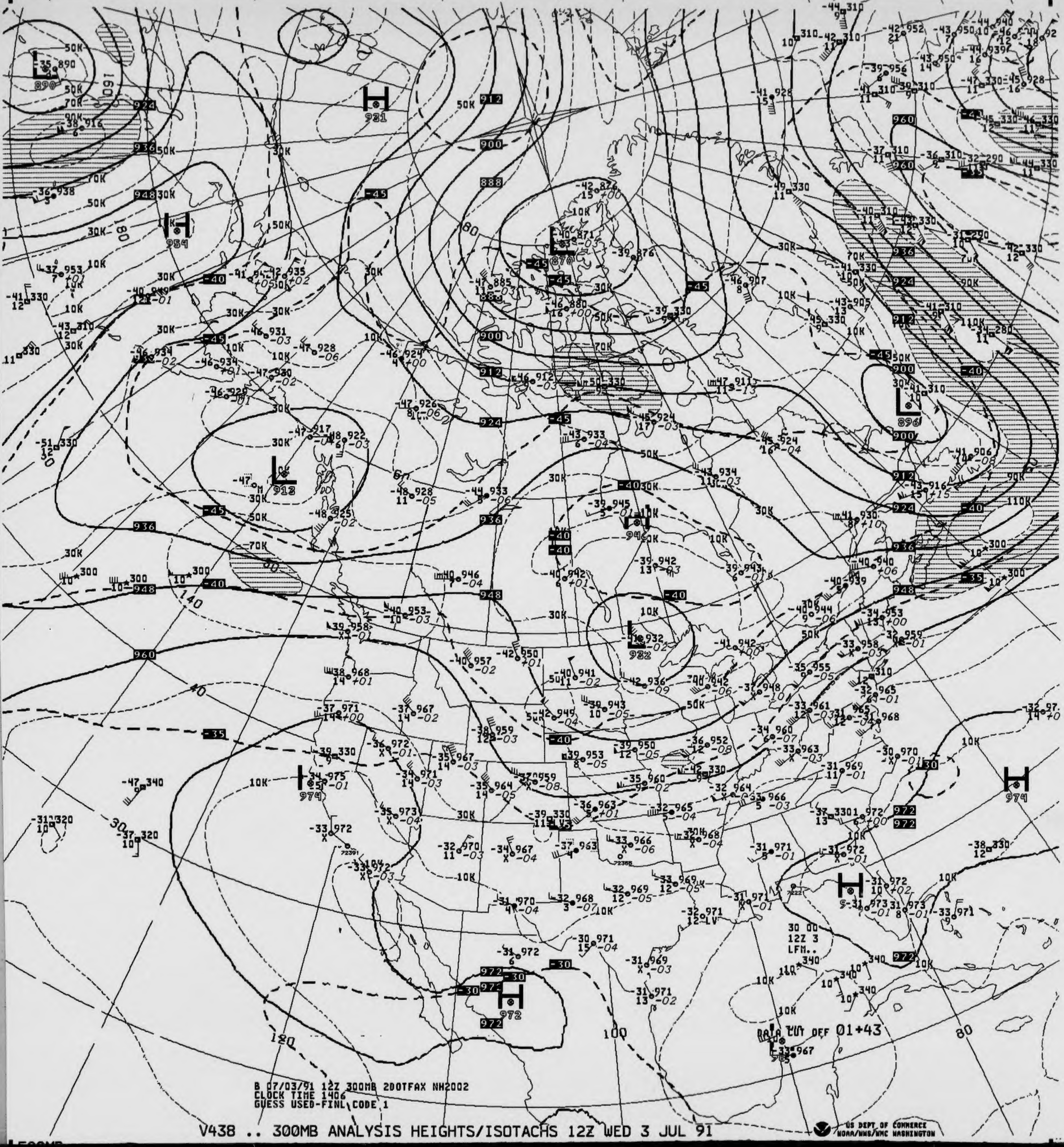
00Z 3
LFM..

B 07/03/91 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 230
GUESS USED-OPNL CODE 0

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 3 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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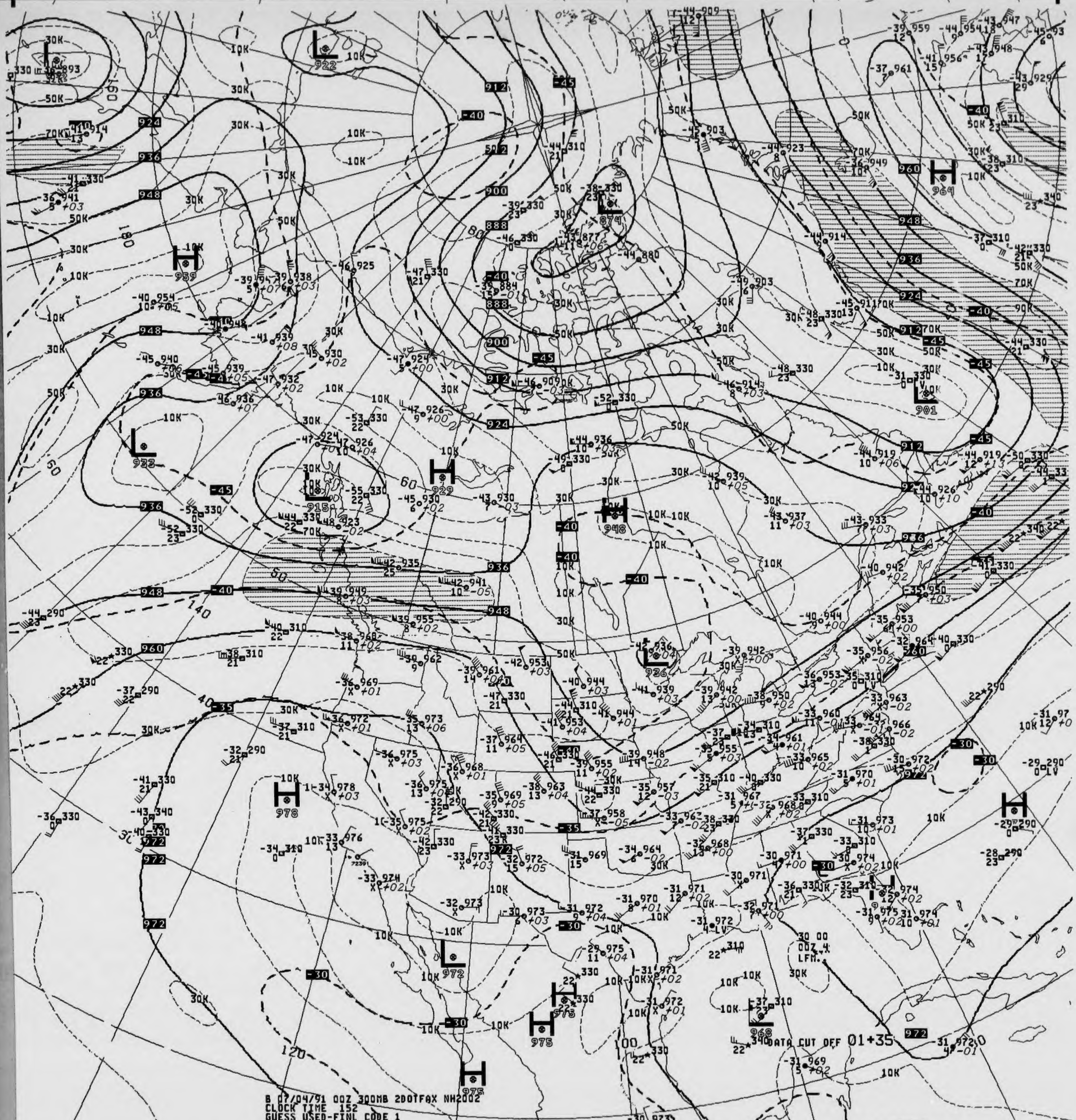
12Z 3
LFM..
DATA CUT OFF 01+43

B 07/03/91 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1406
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 3 JUL 91

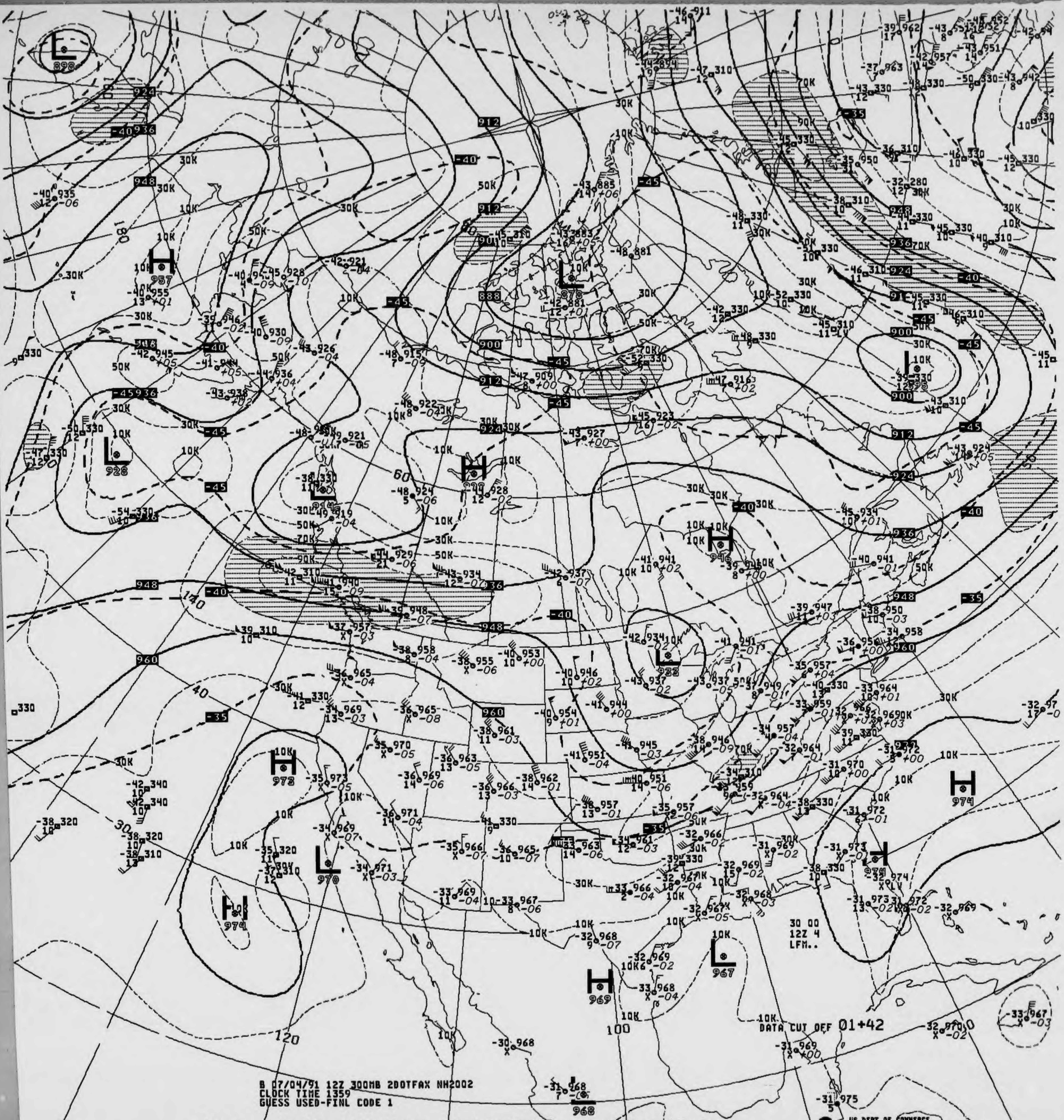
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+35
H
L
912
924
936
948
960
972
-30
-35
-40
-45
10K
30K
50K
70K
60
80
100
120
140
160
180

B 07/04/91 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 152
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 4 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

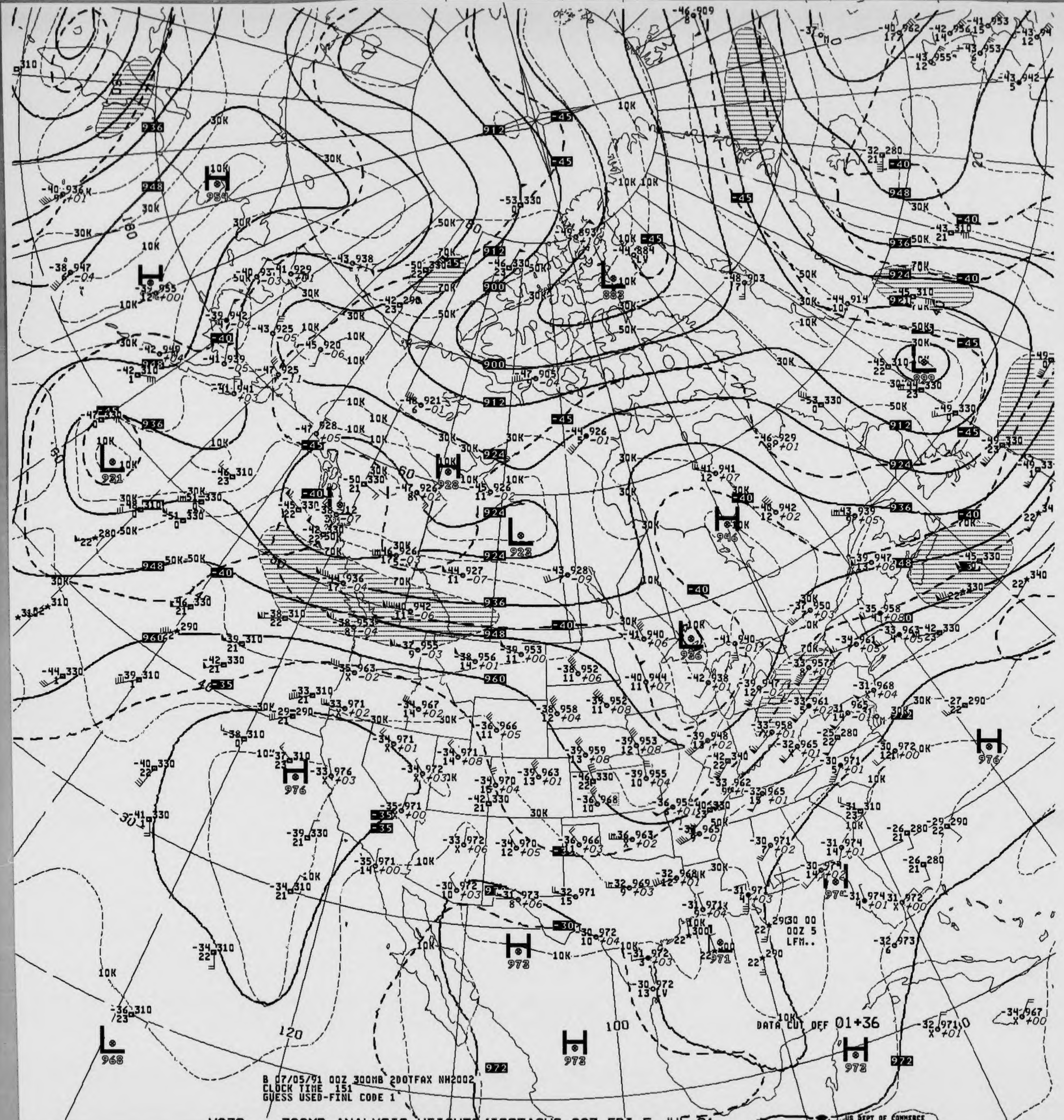


L 898
H 957
L 928
L 914
H 928
L 878
H 946
L 932
L 900
H 973
L 970
H 974
H 969
L 967
H 974
H 974
968
DATA CUT OFF 01+42
30 00
12Z 4
LFM..

B 07/04/91 12Z 300MB 200TFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 4 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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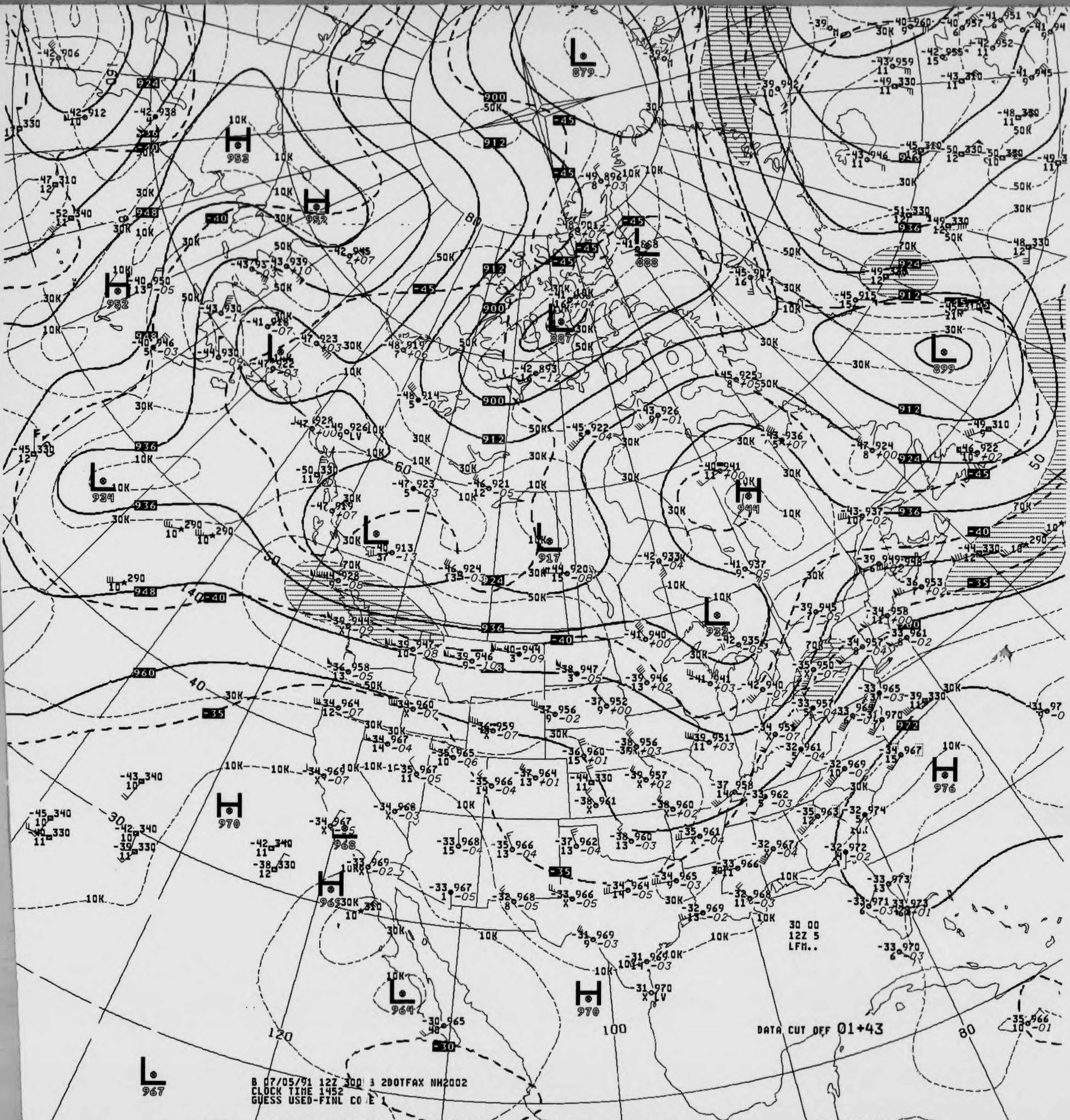
CLOCK TIME 151
GUESS USED-FINL CODE 1

DATA CUT OFF 01+36

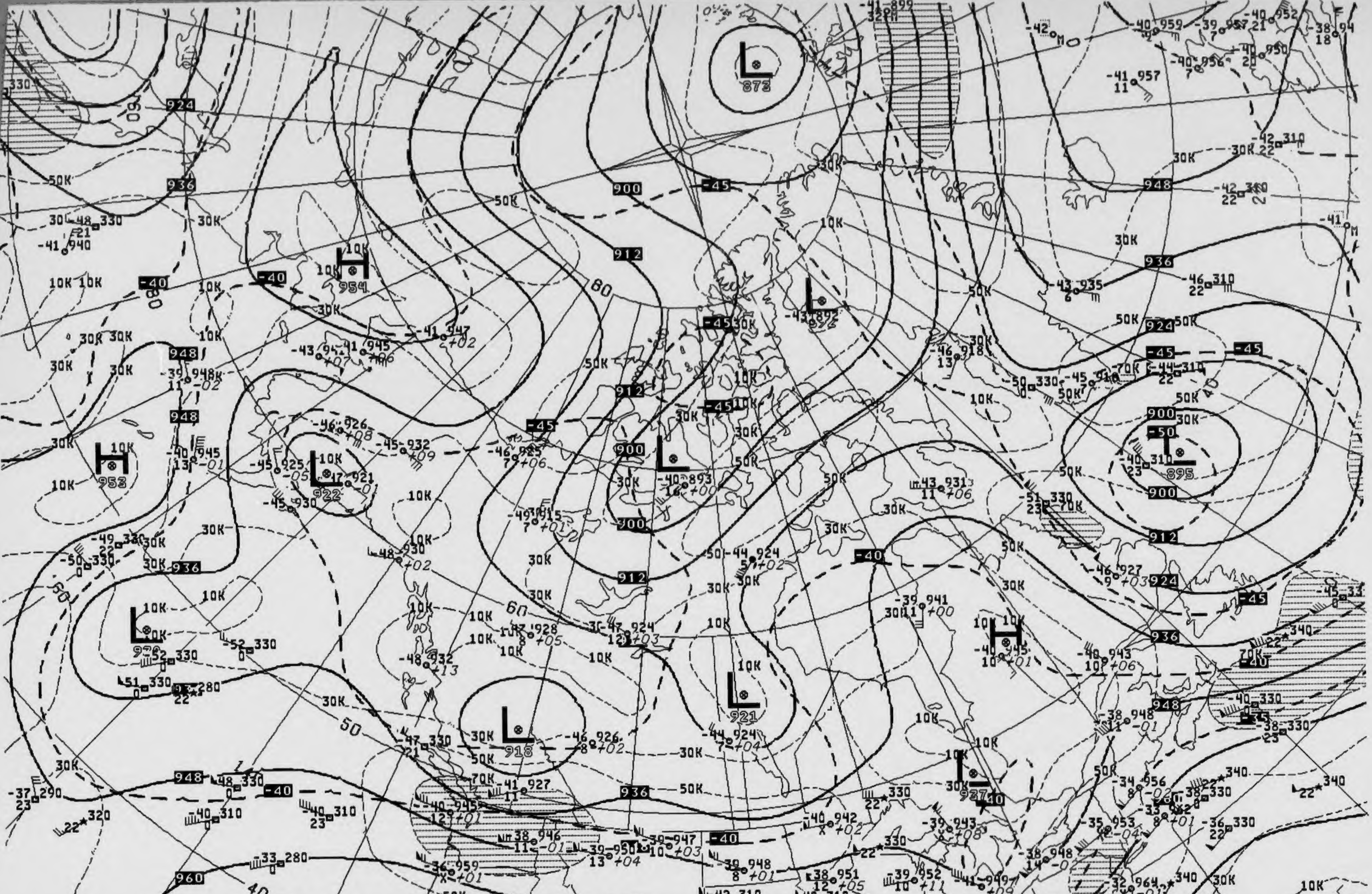
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 5 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/05/91 12Z 300 3 2DOTFAX NH2002
CLOCK TIME 1452
GUESS USED-FINL CODE 1
DATA CUT OFF 01+43
30 00
12Z 5
LFM..
120
100
80
50
40
30
60
80
140

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 5 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



DATA CUT OFF 01+24

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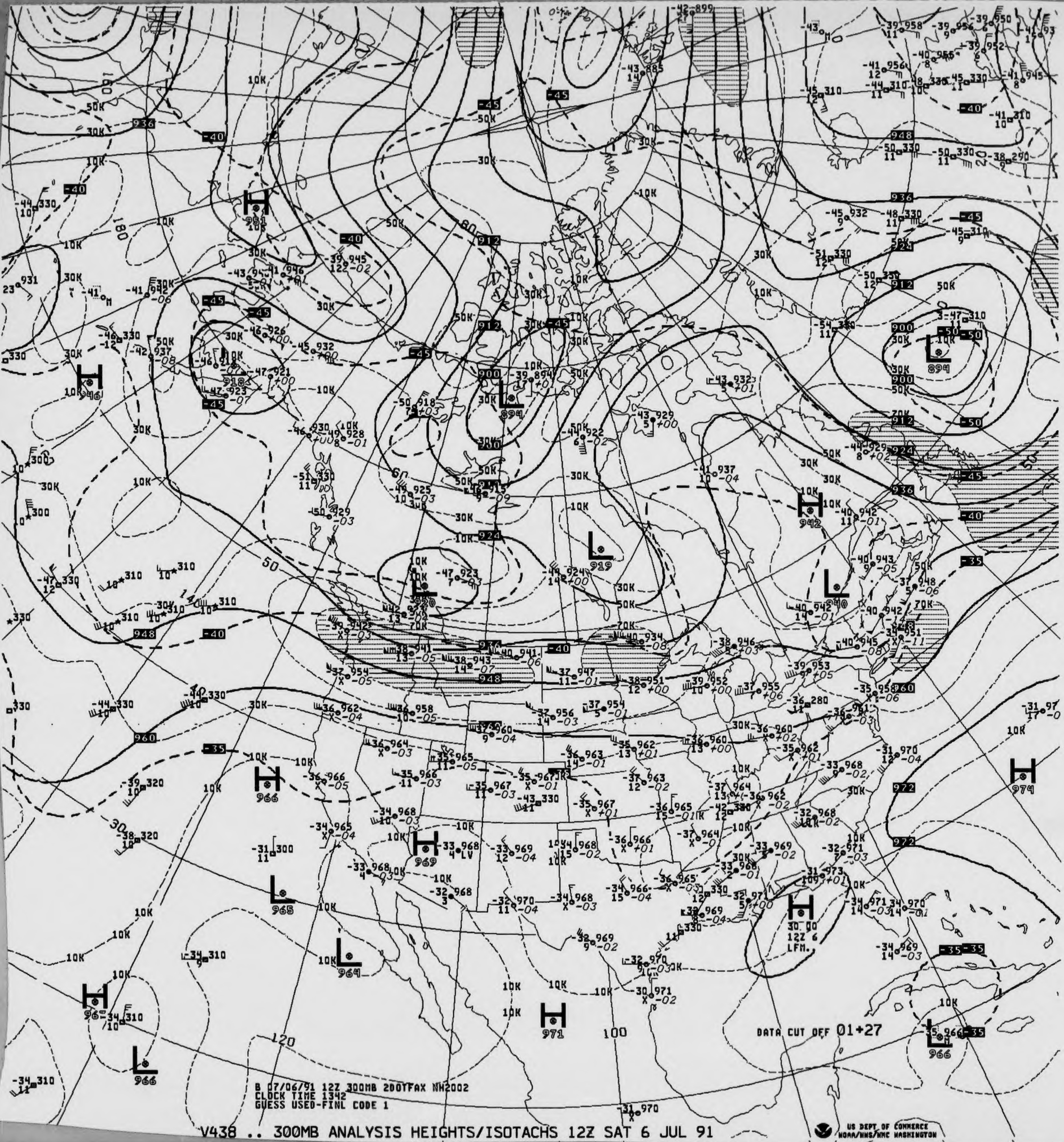
CLOCK TIME 138
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 6 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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CLOCK TIME 1342
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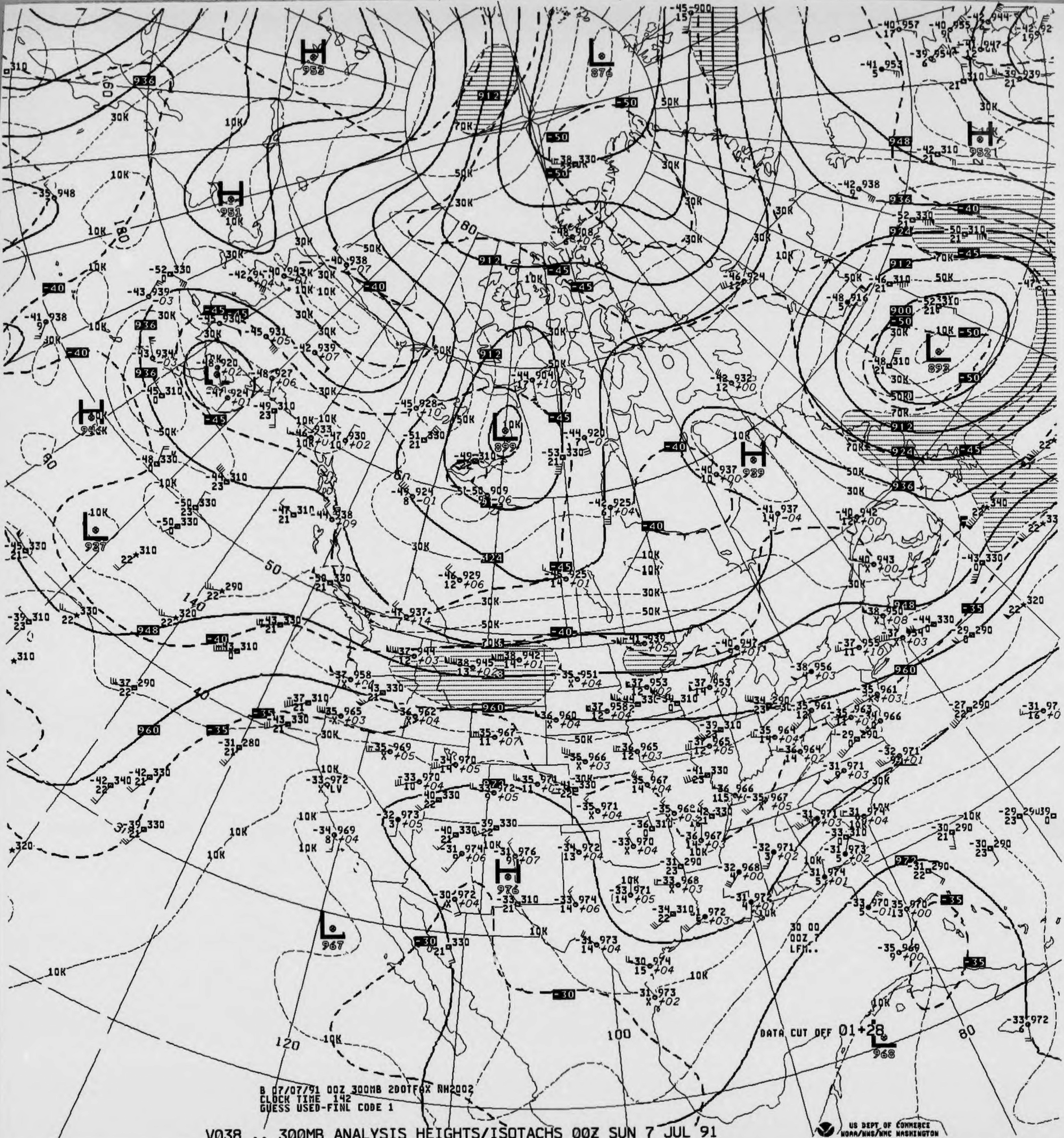
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 6 JUL 91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00Z 7
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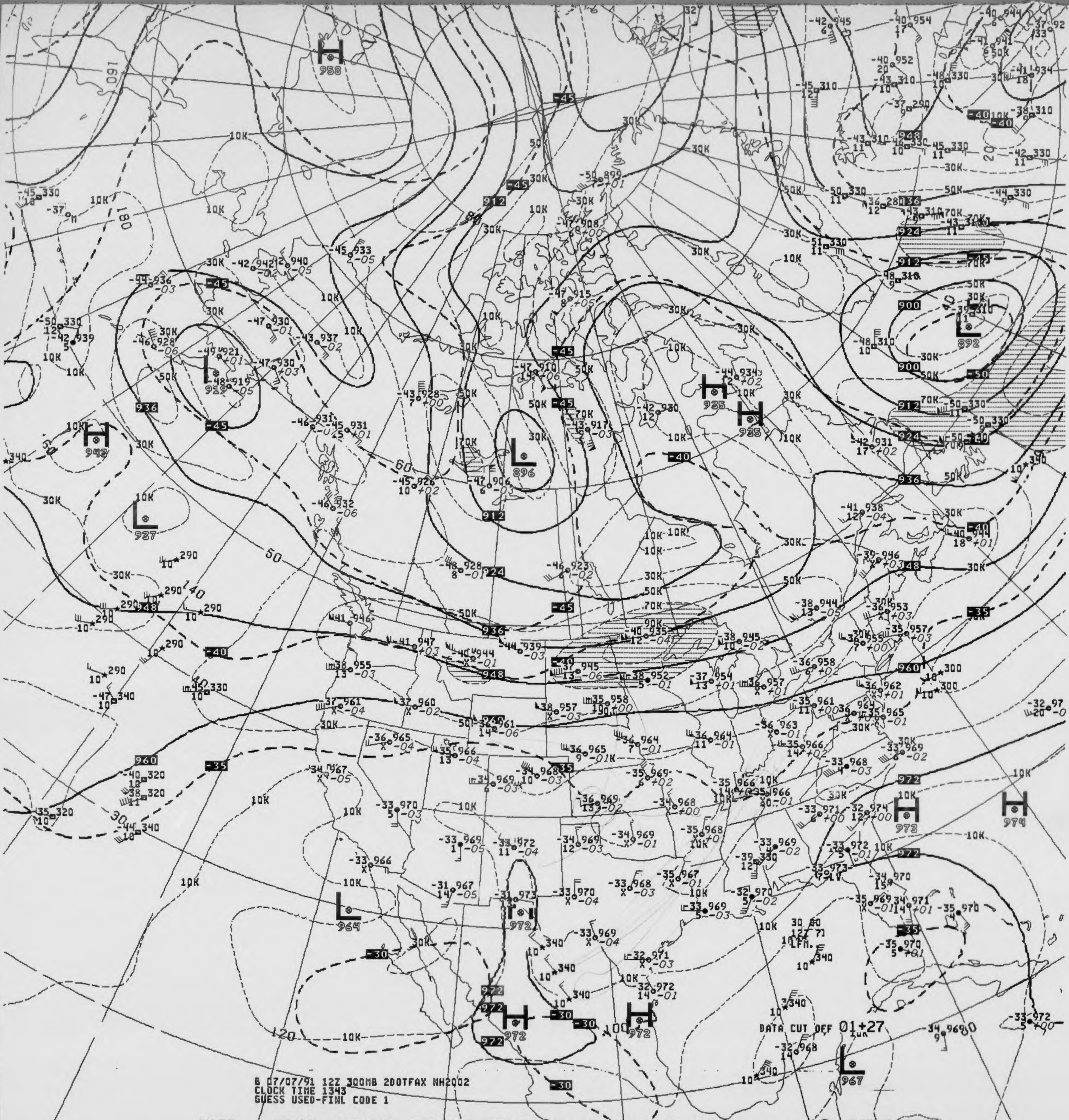
H 952
H 951
L 876
L 899
H 929
L 893
H 952
L 927
H 976
L 967
L 968
120
100
80

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 7 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

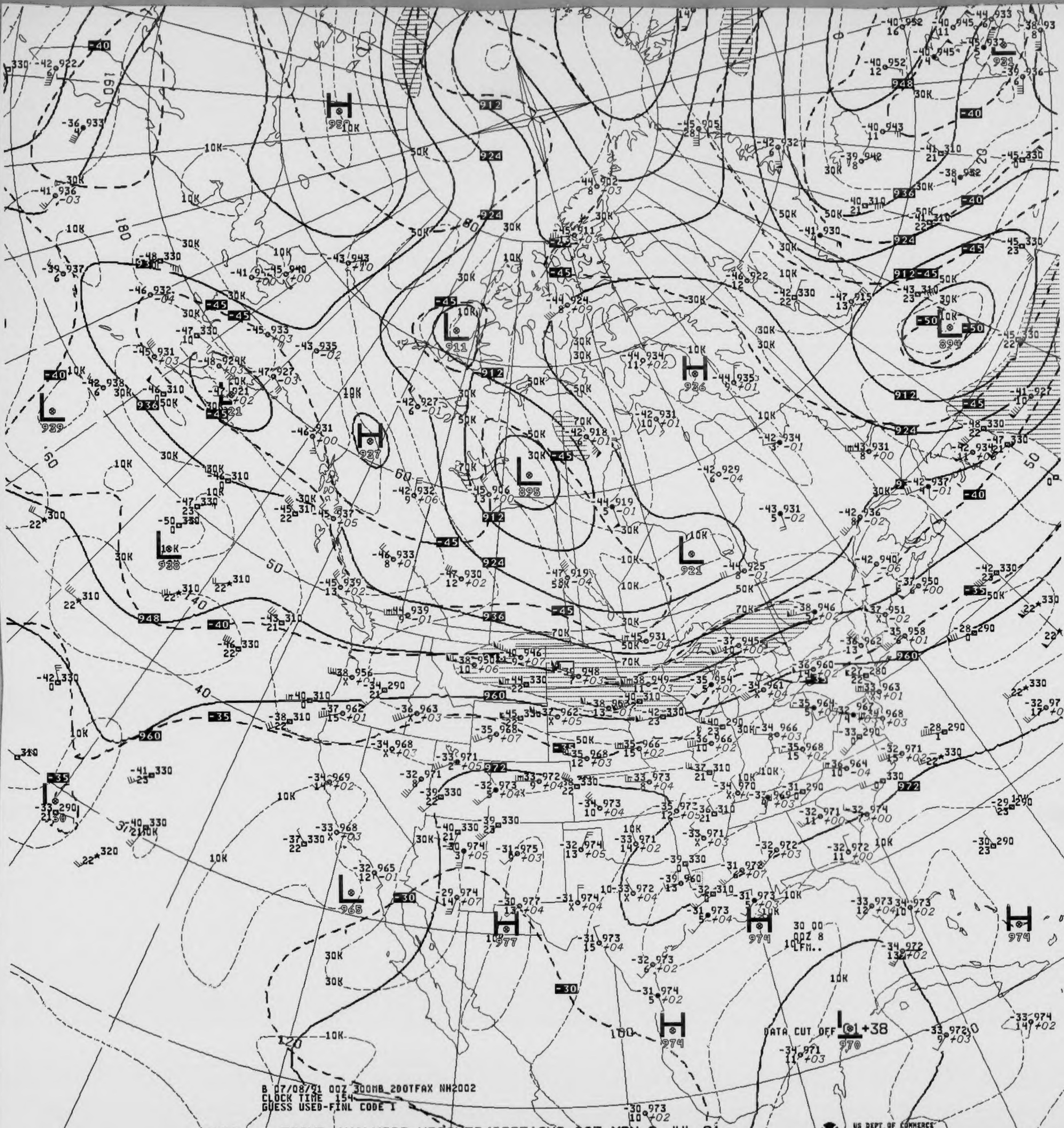


H
958
L
919
H
942
L
927
L
896
H
935
H
935
L
892
H
972
H
974
L
964
H
972
H
972
L
967
DATA CUT OFF 01+27

B 07/07/91 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1343
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 7 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

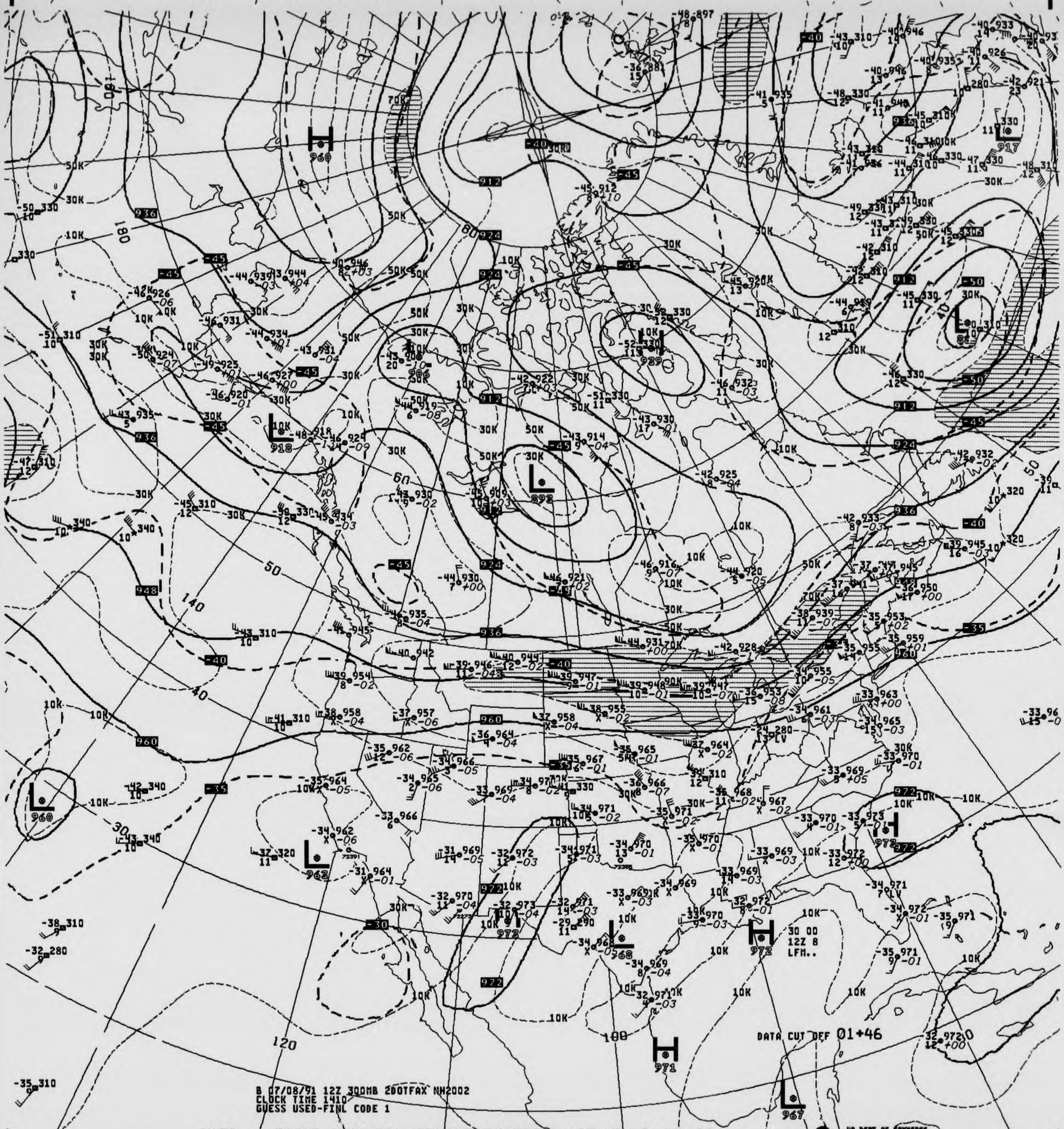

DATA CUT OFF
30 00
00Z 8
LFM..
H
L
10K
30K
50K
70K
-30
-35
-40
-45
-50
912
924
936
948
960
972

B 07/08/91 00Z 300MB 200TFAX NH2002
CLOCK TIME 154
GUESS USED-FINL CODE I

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 8 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

LAT/LONG 34N119W 34N098W 31N110W


H
960
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918
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892
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929
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860
L
917
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963
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972
L
968
H
972
L
972
H
971
L
967
912
924
936
948
960
972
-40
-45
-50
-35
-30
10K
30K
50K
70K
180
160
140
120
100
80
60
50
40
30

B 07/08/91 12Z 300MB 200TFAX NH2002
CLOCK TIME 1410
GUESS USED-FINL CODE 1

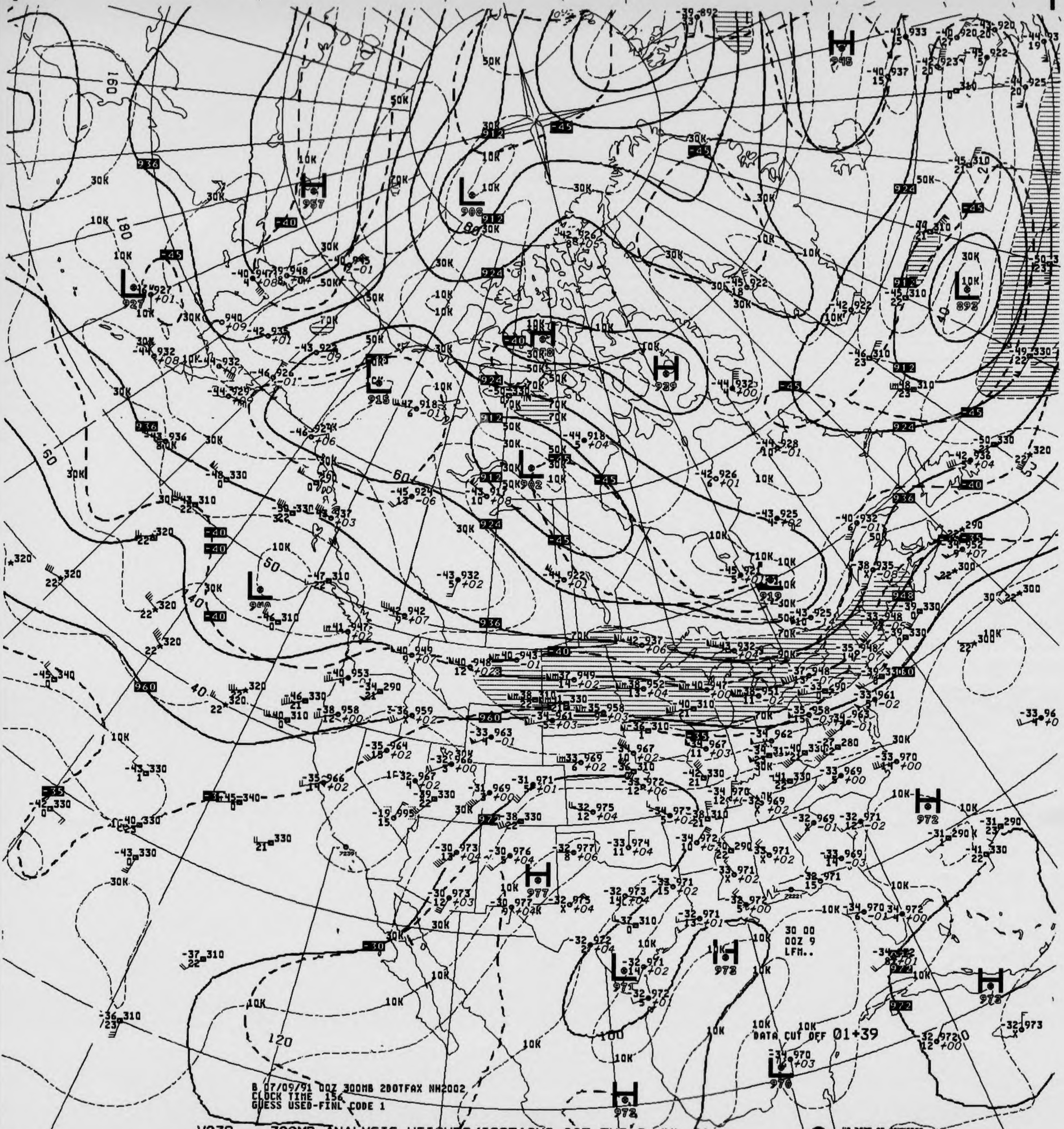
30 00
12Z 8
LFM..

DATA CUT OFF 01+46

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 8 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

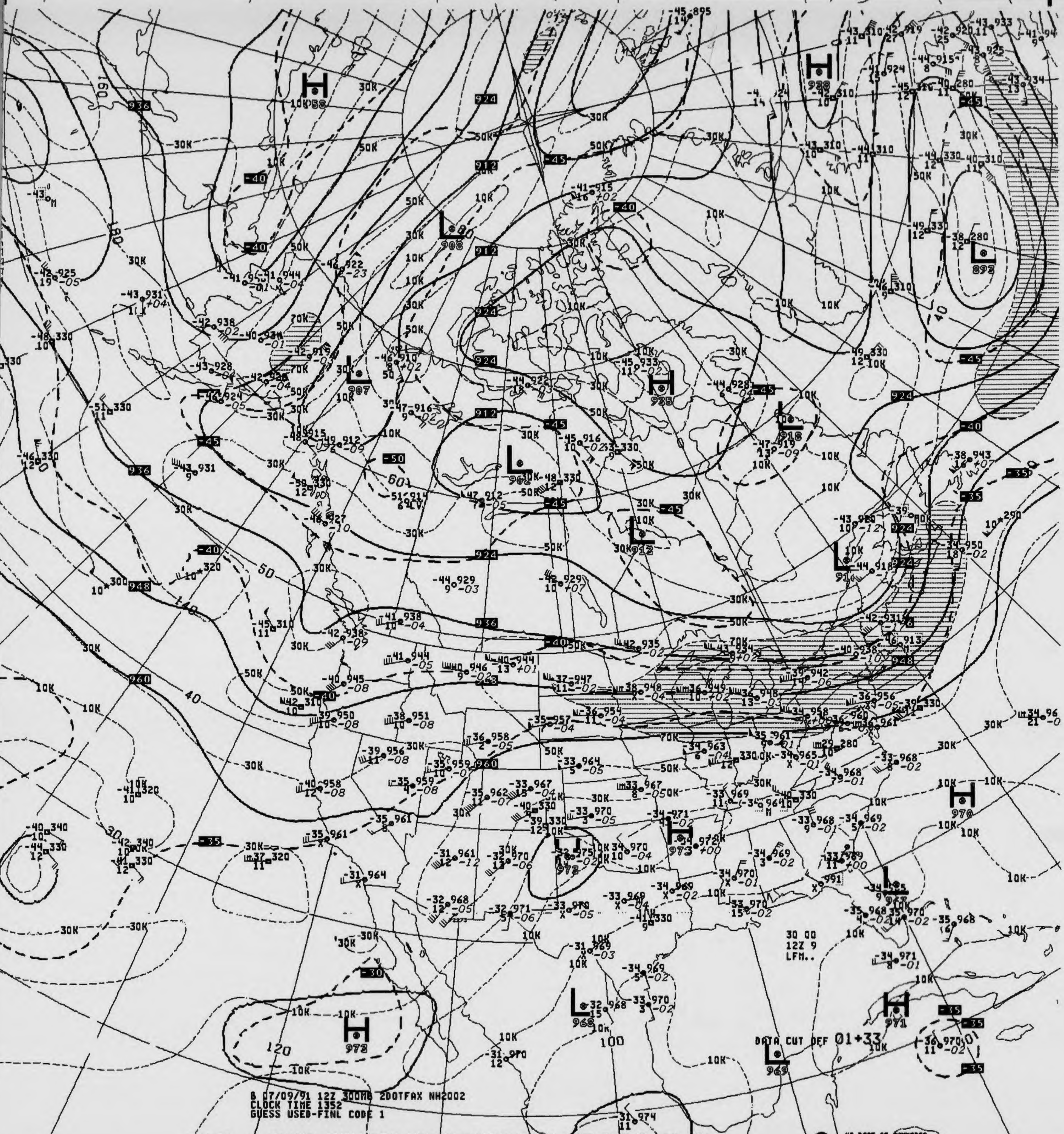
LAT/LONG 30N086W 34N119W


DATA CUT OFF 01+39
30 00
00Z 9
LFM..

B 07/09/91 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 156
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 9 JUL 91

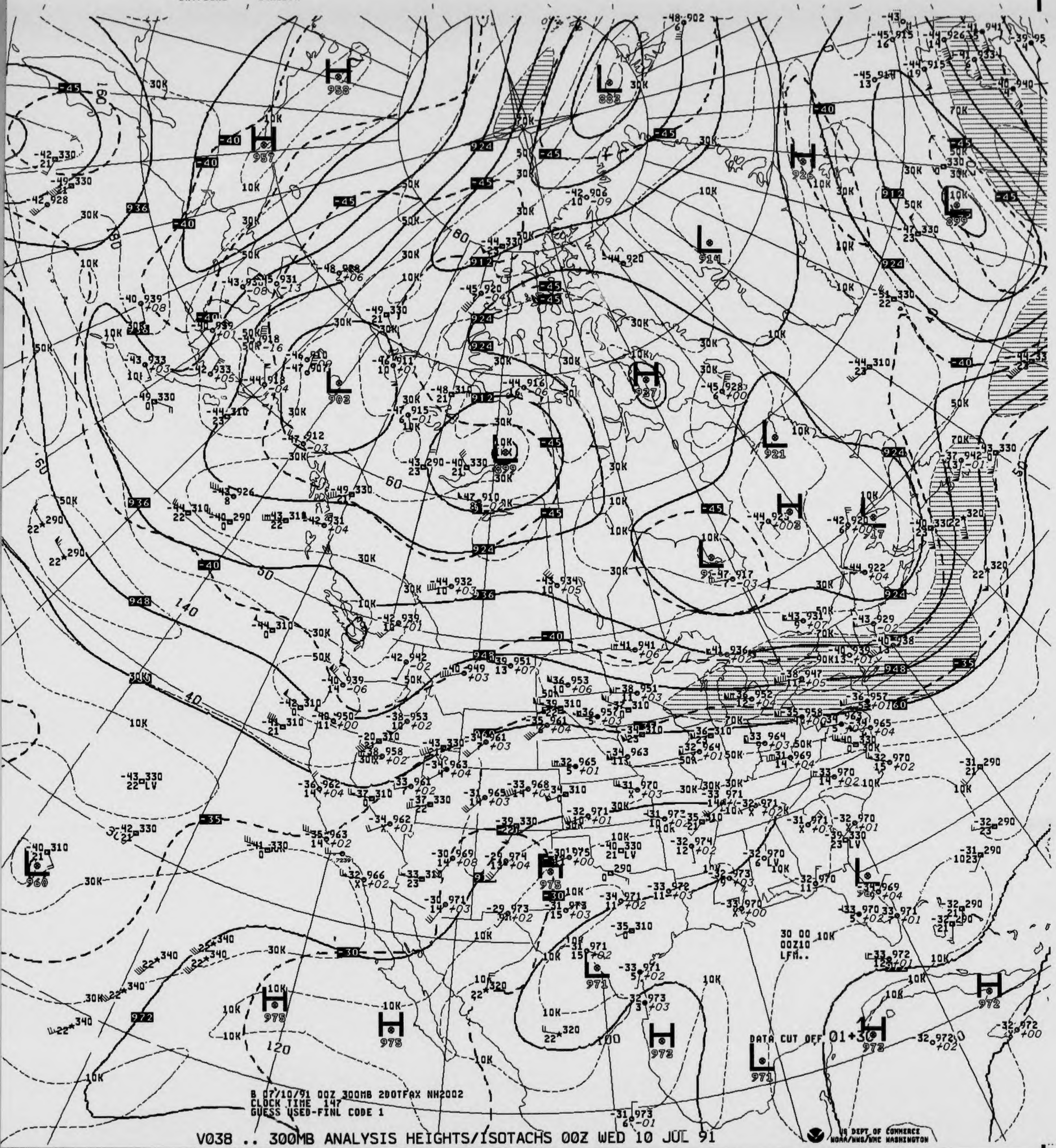
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/09/91 12Z 300MB 200TFAX NH2002
CLOCK TIME 1352
GUESS USED-FINL CODE 1
DATA CUT OFF 01+33
30 00
12Z 9
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 9 JUL 91

500MB

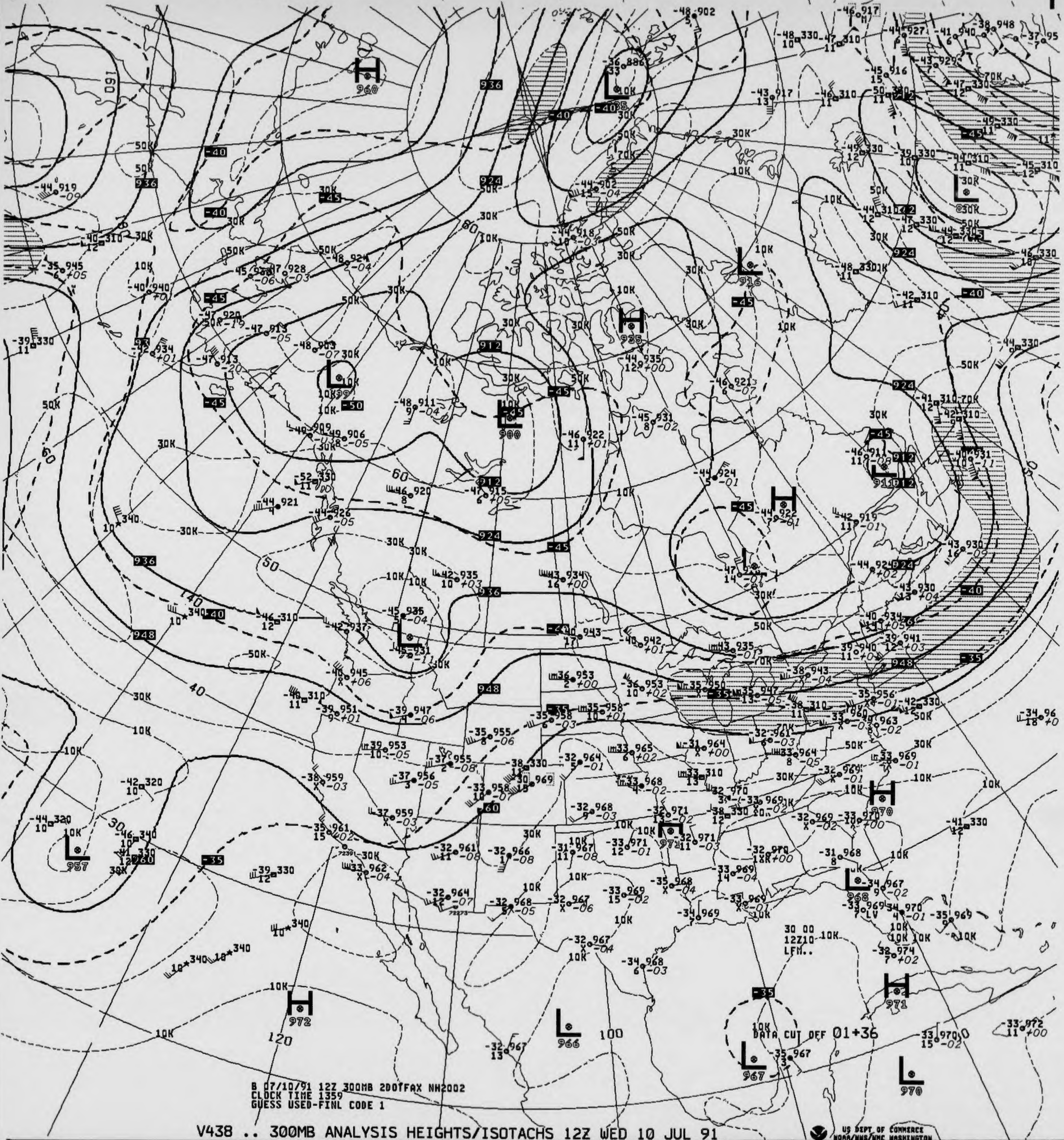
LAT/LONG 34N119W


B 07/10/91 00Z 300MB 2D0TFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1
DATA CUT OFF 01+30
30 00
00Z10
LFM..

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 10 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

LAT/LONG 32N106W 34N119W 31N110W

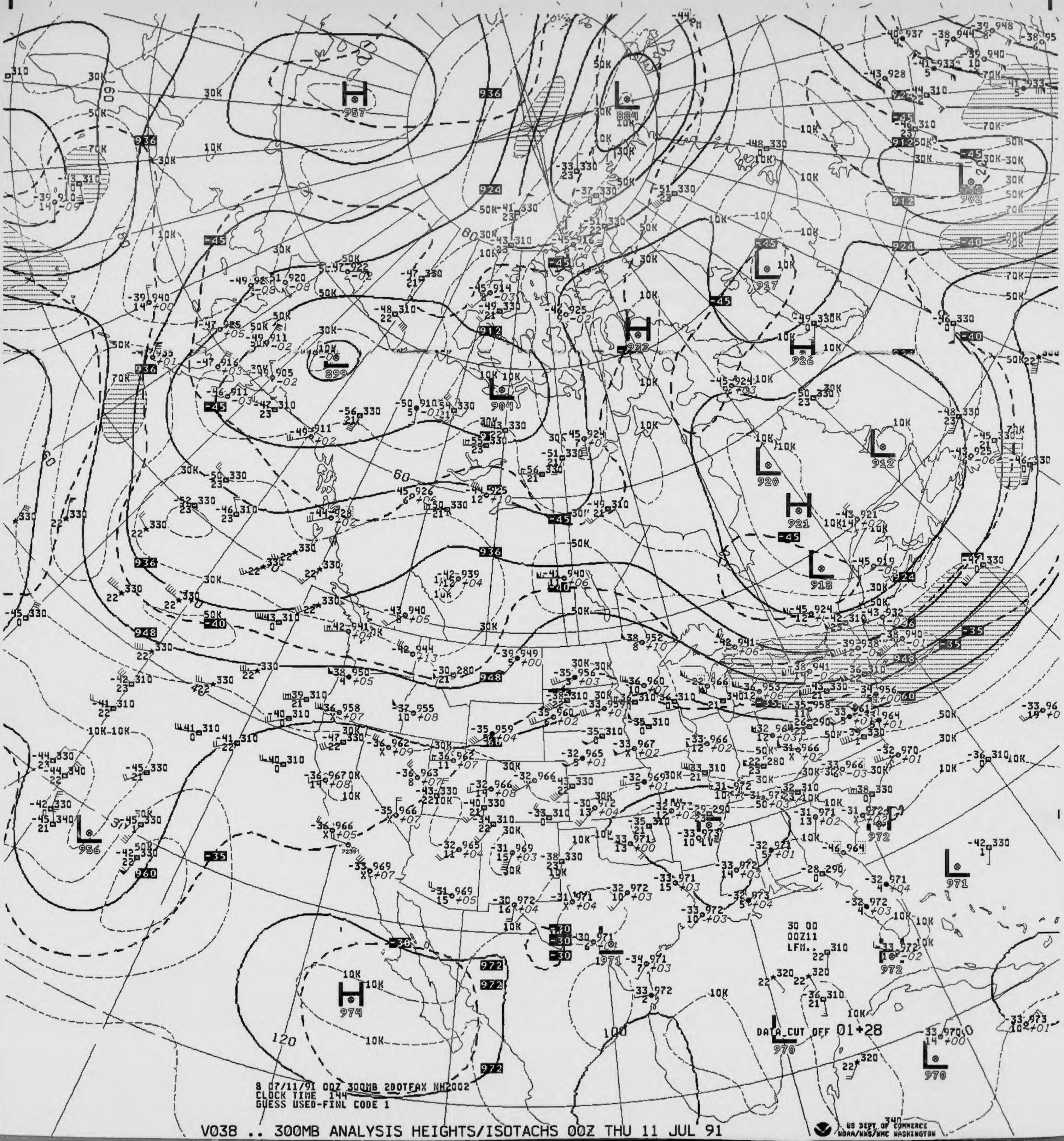

30 00
12Z10
LFM..
DATA CUT OFF 01+36

B 07/10/91 12Z 300MB 200TFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 10 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

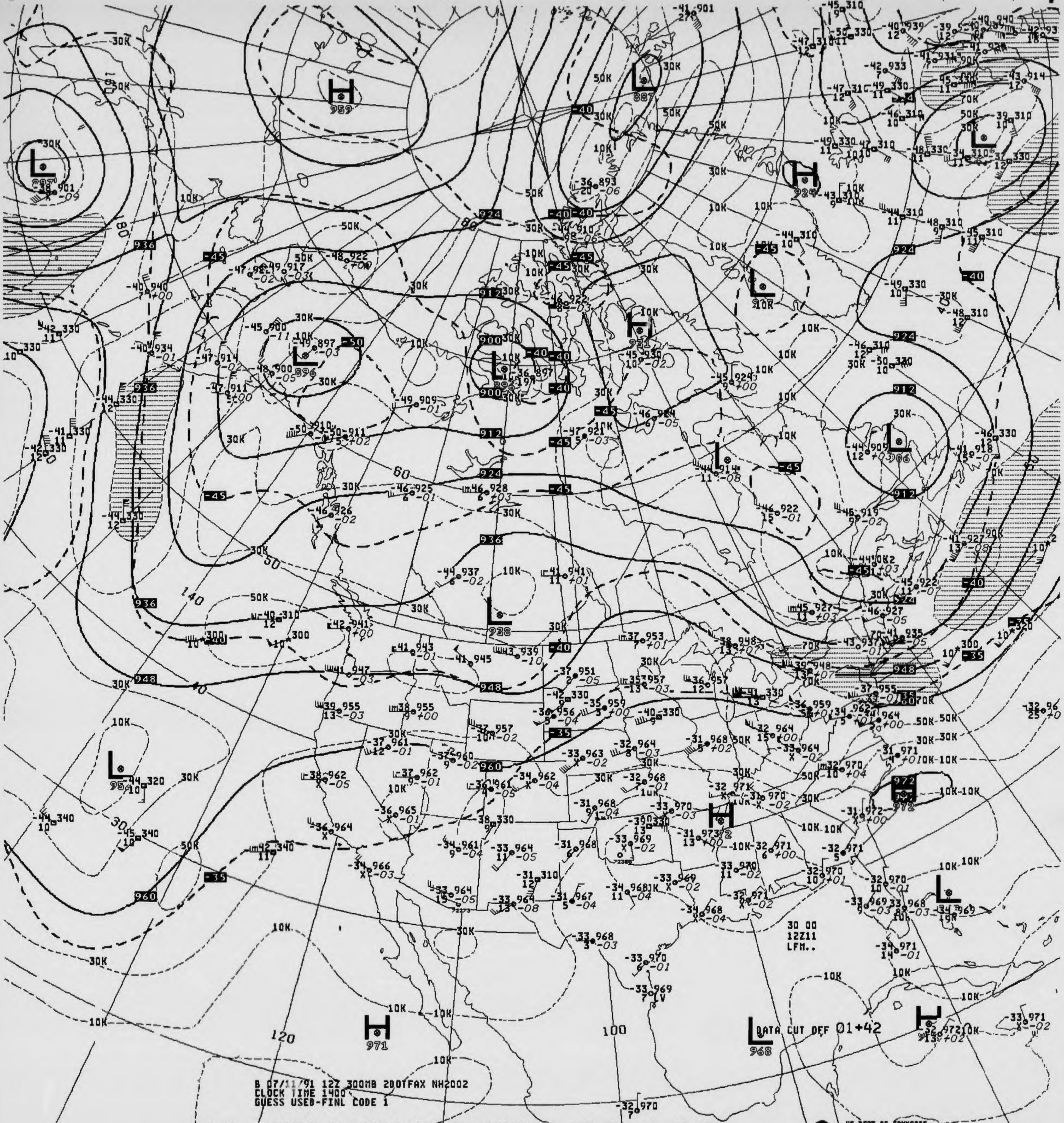
ID 72391
LAT/LONG 34N119W


B 07/11/91 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 144
GUESS USED-FINL CODE 1
30 00
00Z11
LFM.
DATA CUT OFF 01+28

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 11 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

LAT/LONG 34N098W 31N110W


DATA CUT OFF 01+42
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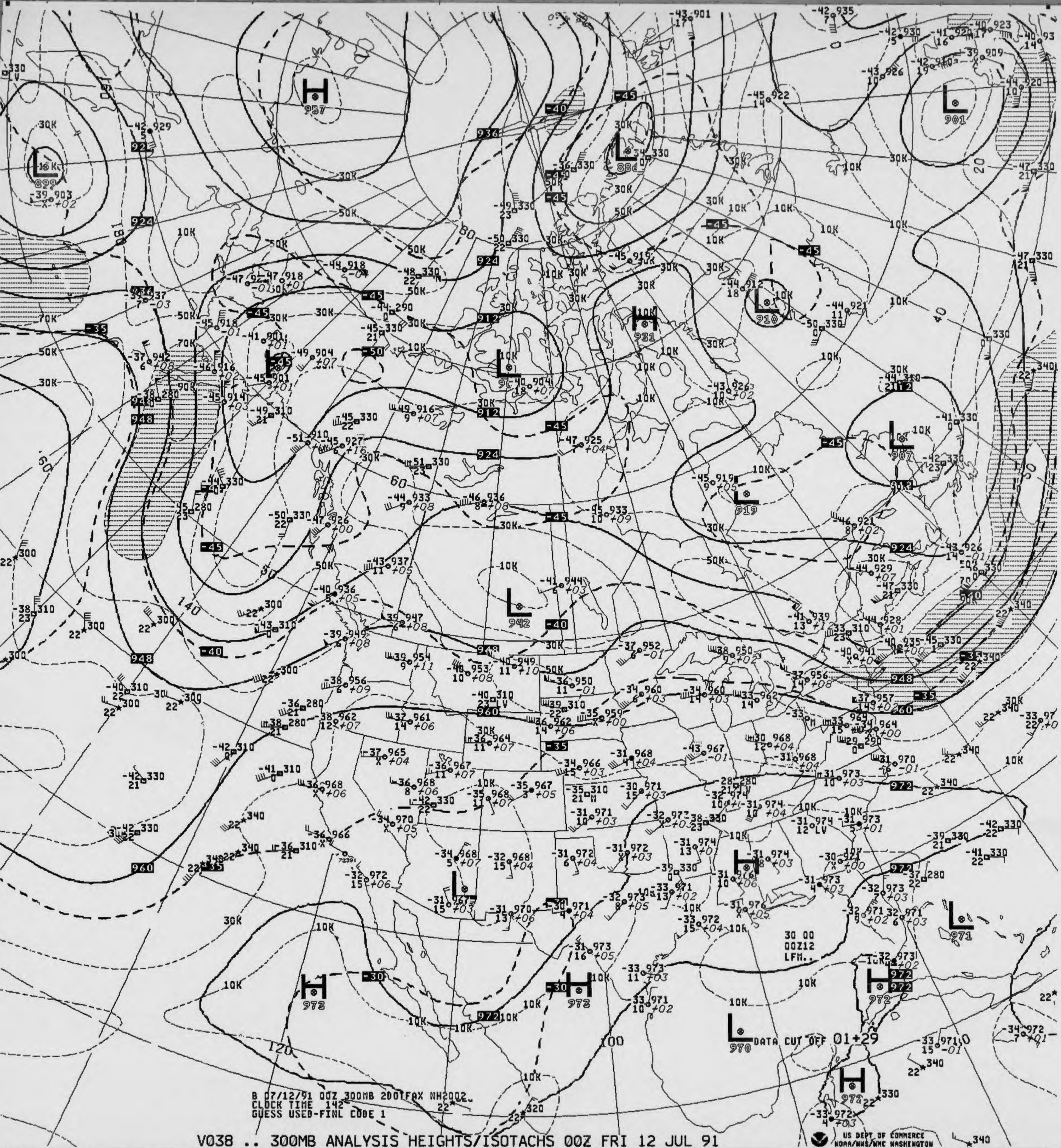
12Z11
LFM..
B 07/11/91 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1400
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 11 JUL 91

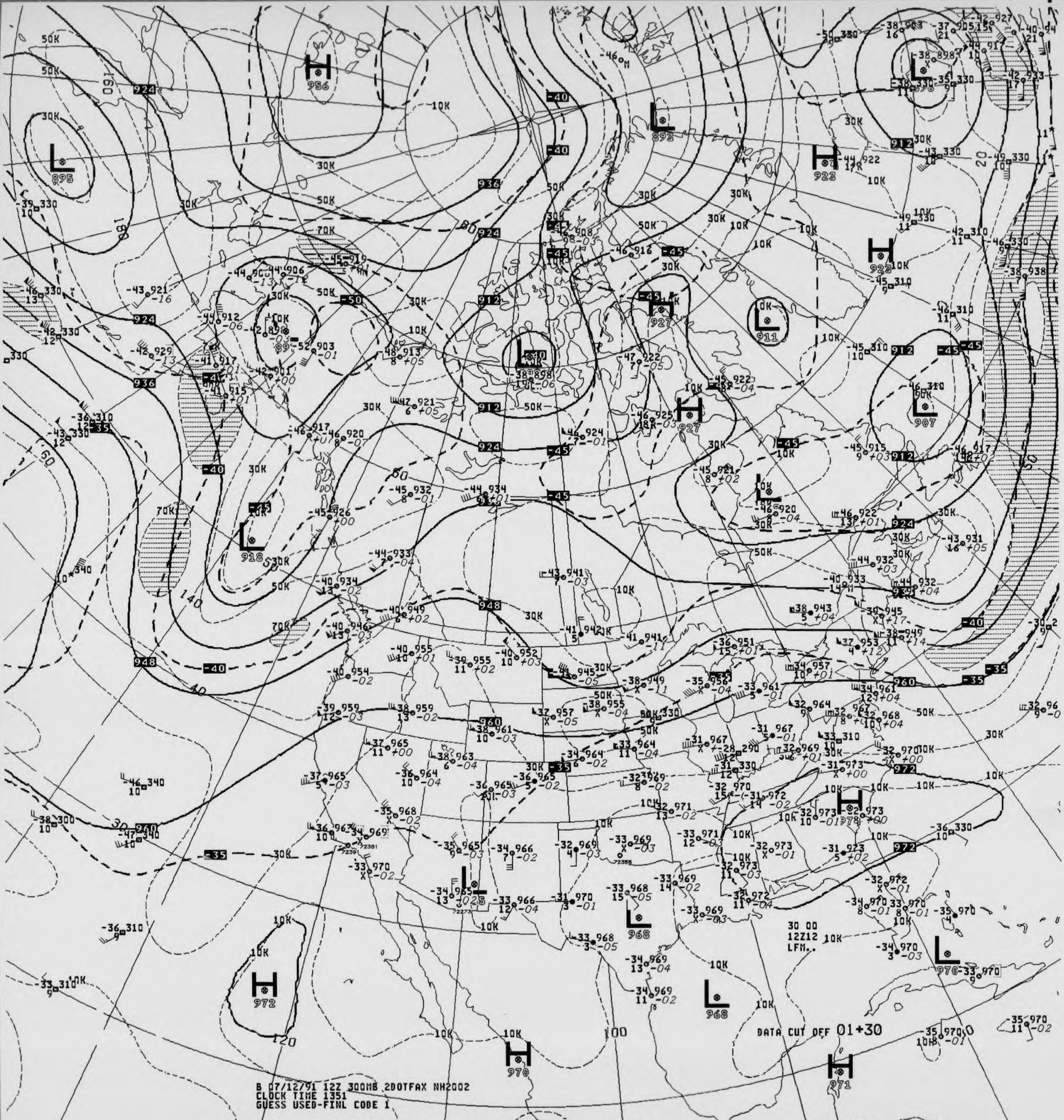
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 957
L 899
L 886
L 901
L 910
H 931
L 907
L 919
L 942
H 973
H 973
H 972
L 971
L 970
H 972
924
936
912
948
960
972
-45
-40
-35
-30
-50
10K
30K
50K
70K
90K
140
120
100
80
60
40
20
30 00
00Z12
LFM..
DATA CUT OFF 01+29

B 07/12/91 00Z 300MB 200TFAX NH2002.
CLOCK TIME 142
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 12 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

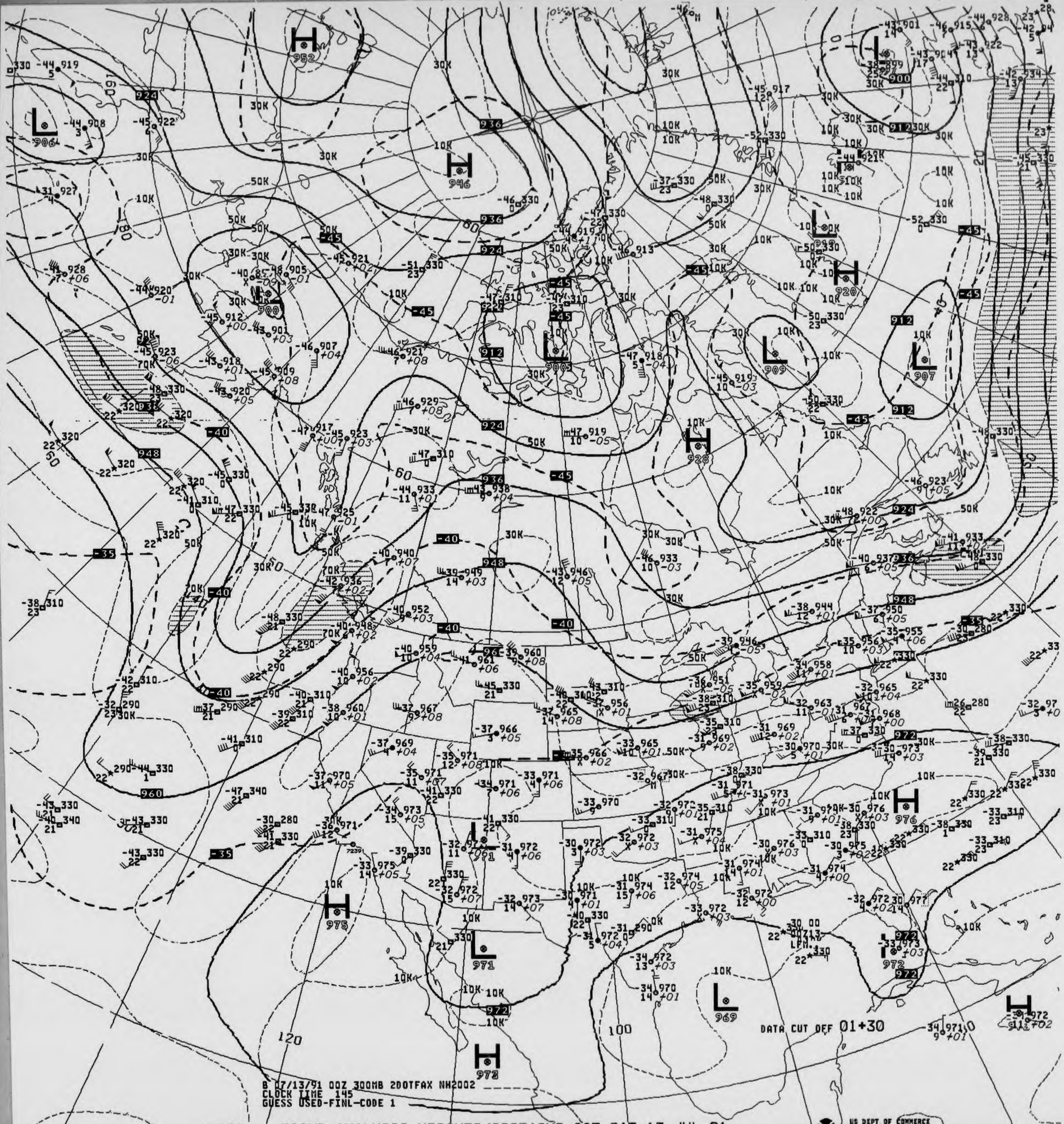


DATA CUT OFF 01+30
30 00
12Z12
LFM..

B 07/12/91 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 12 JUL 91

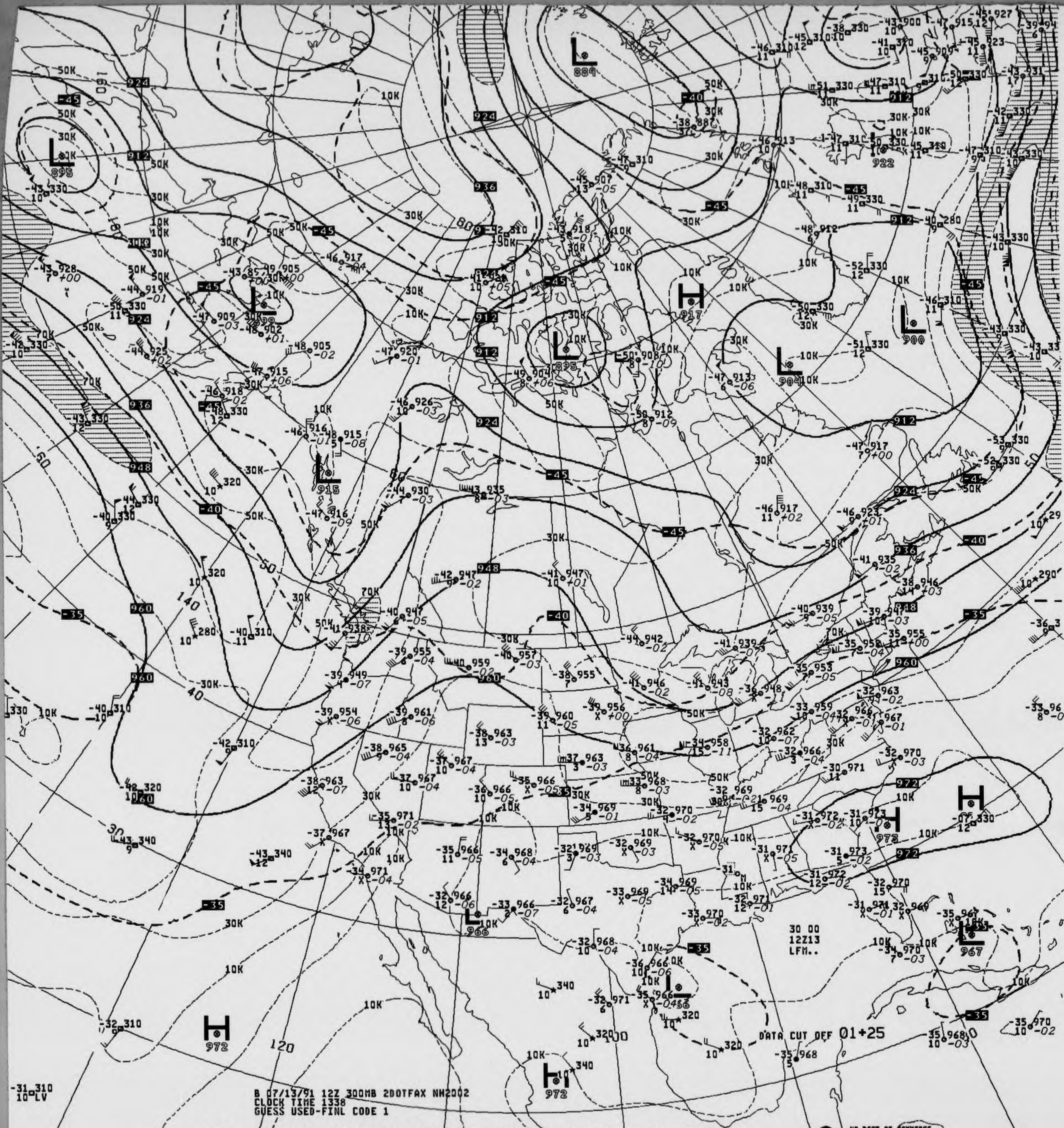
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/13/91 00Z 300MB 200TFAX NH2002
CLOCK TIME 145
GUESS USED-FINL-CODE 1
DATA CUT OFF 01+30
H 952
L 906
H 946
L 900
L 900
L 909
L 907
H 920
H 928
L 899
H 975
L 971
L 969
H 976
H 972
H 973
936
924
948
960
972
912
900
-45
-40
-35
30K
50K
10K
120
100
60

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 13 JUL 91

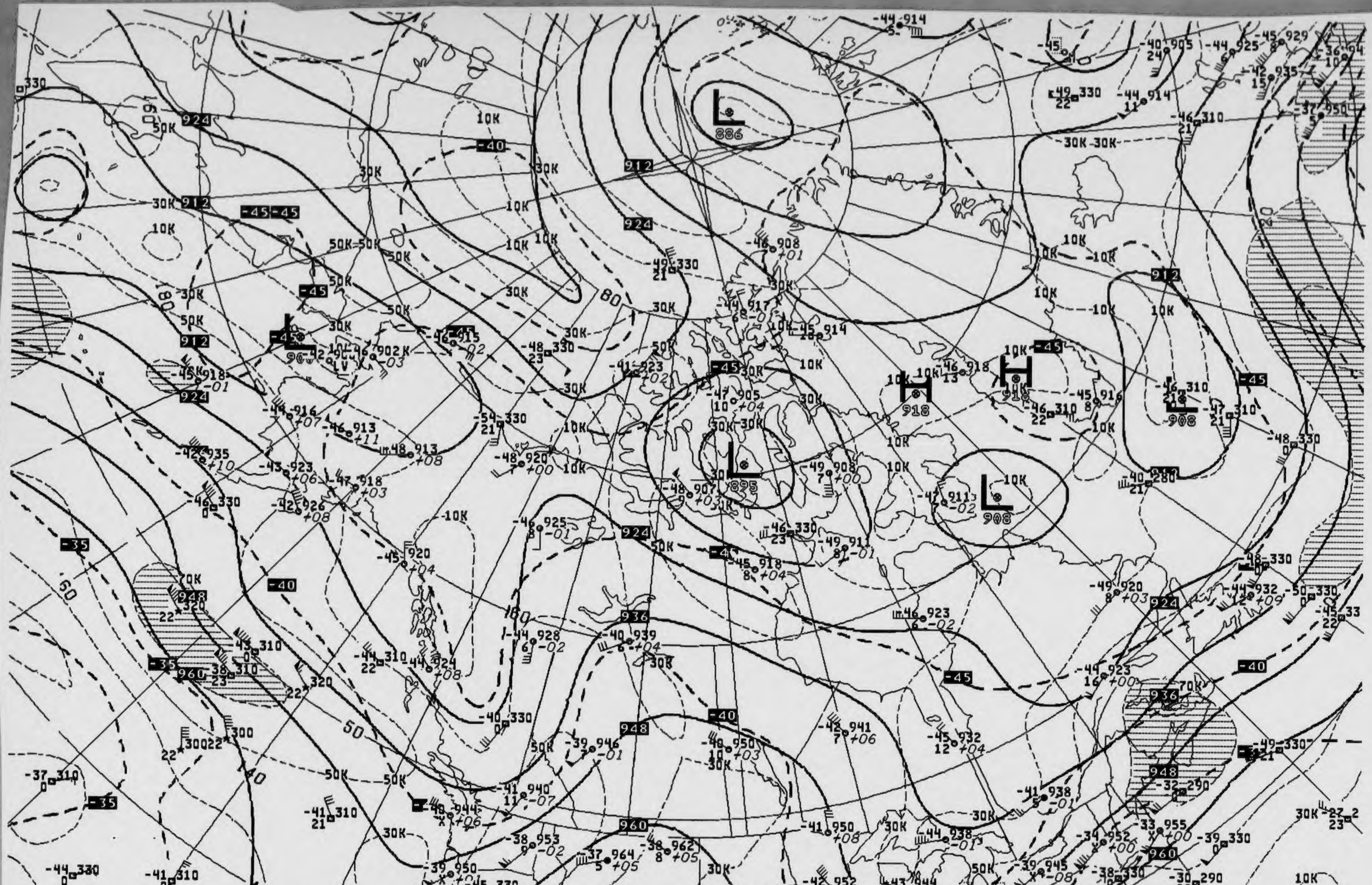
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


895
884
917
895
899
915
900
904
922
972
966
967
956
972
972
912
924
936
948
960
-45
-40
-35
10K
30K
50K
70K
DATA CUT OFF 01+25
30 00
12Z13
LFM..

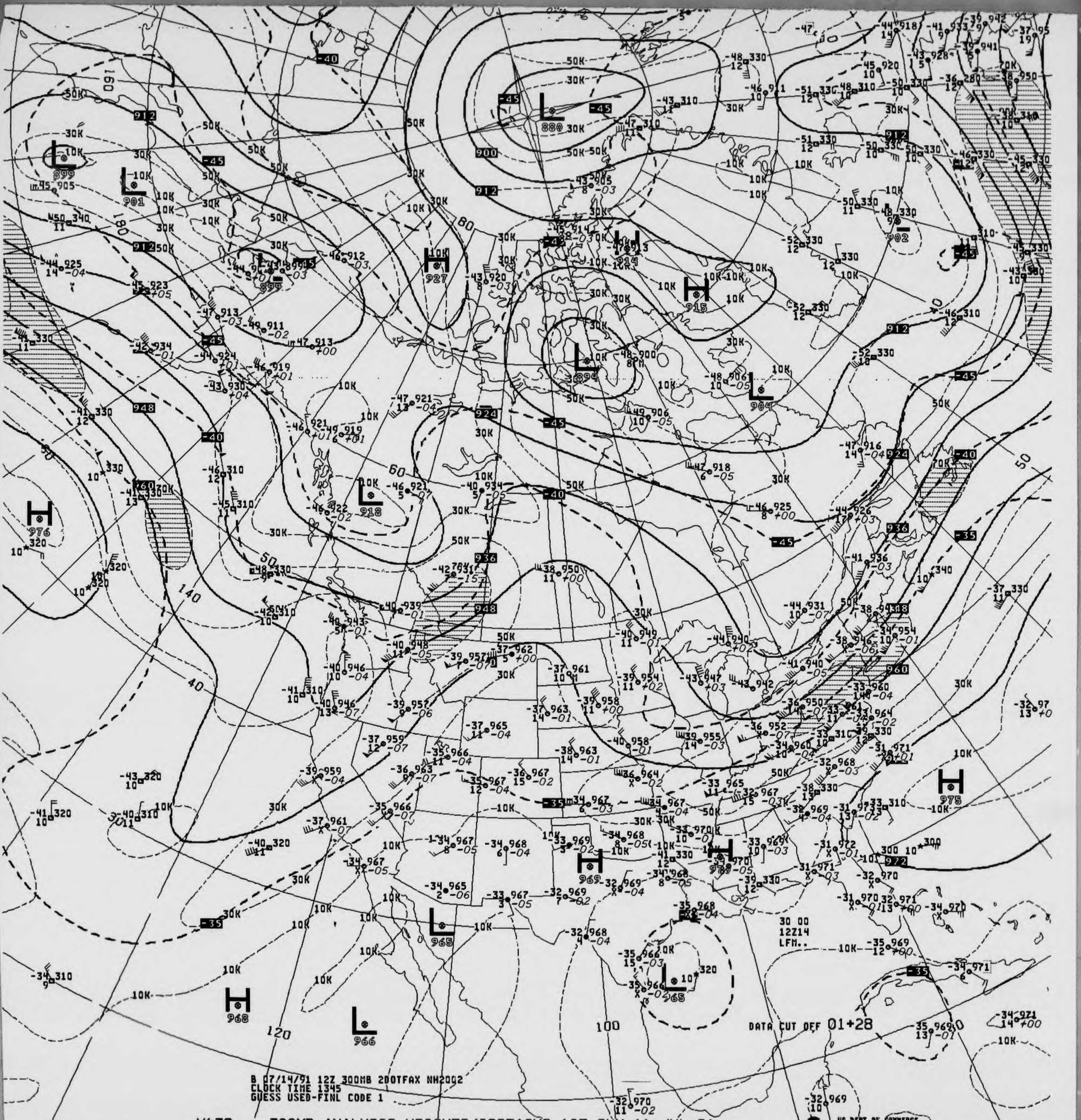
B 07/13/91 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1338
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 13 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

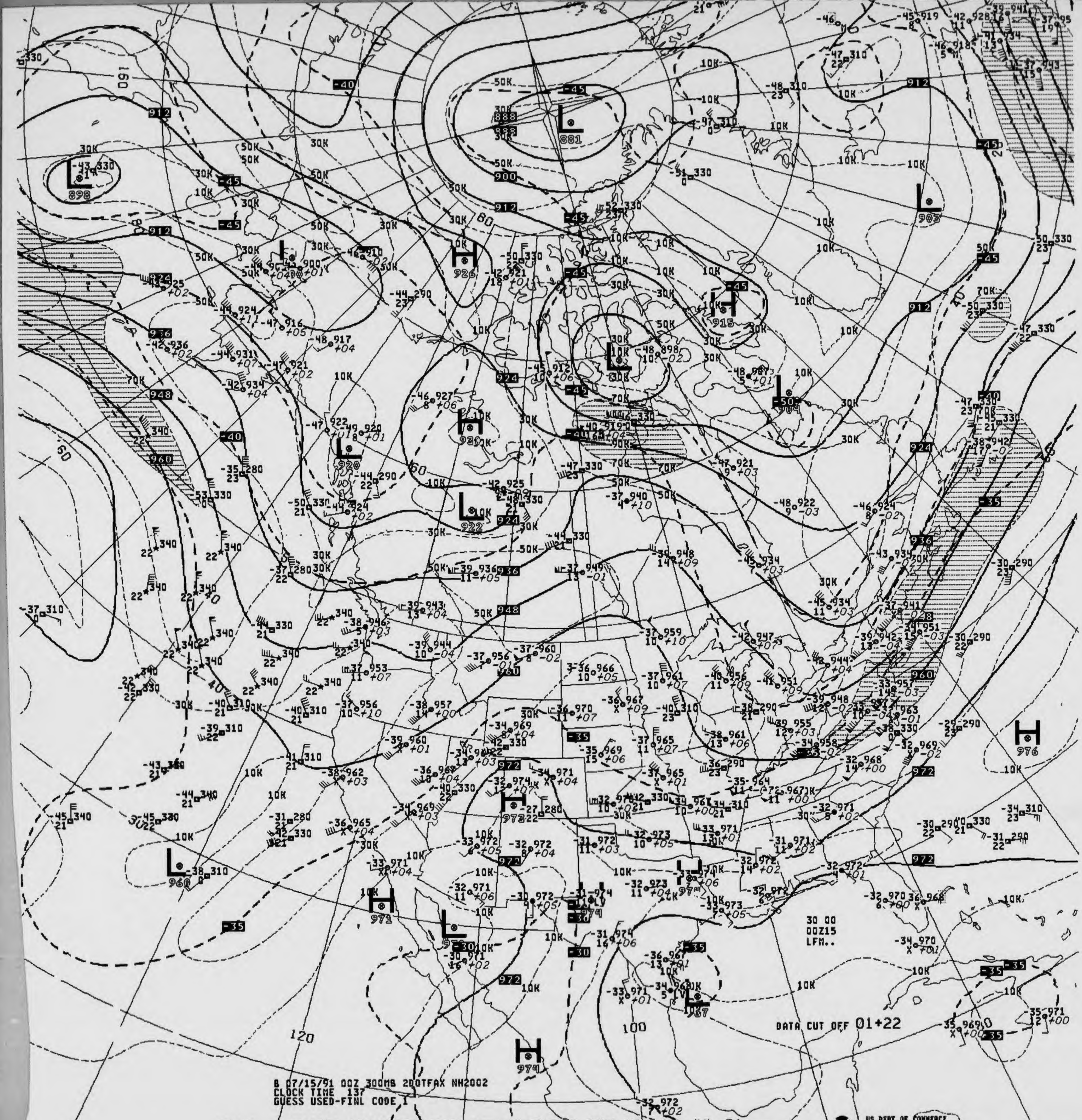

B 07/14/91 00Z 300MB 200TFAX NH2002
CLOCK TIME 140
GUESS USED-FINL CODE 1
30 00
00Z14
LFM..
DATA CUT OFF 01+25
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 14 JUL 91


B 07/14/91 12Z 300MB 200TFAX NH2002
CLOCK TIME 1345
GUESS USED-FINL CODE 1
DATA CUT OFF 01+28
30 00
12Z14
LFM..

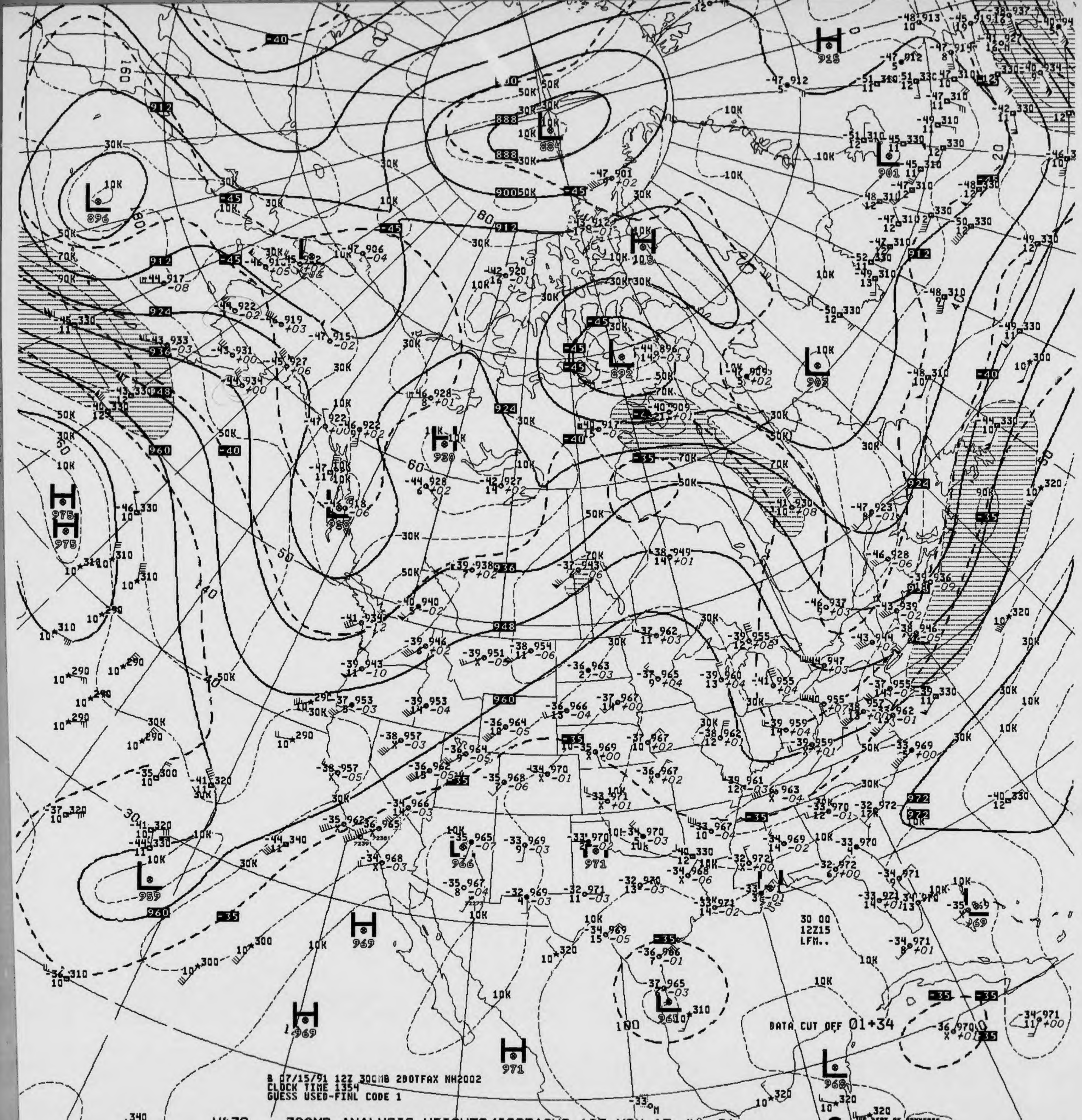
V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 14 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/15/91 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 137
GUESS USED-FINL CODE 1
DATA CUT OFF 01+22
30 00
00Z15
LFM..

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 15 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+34
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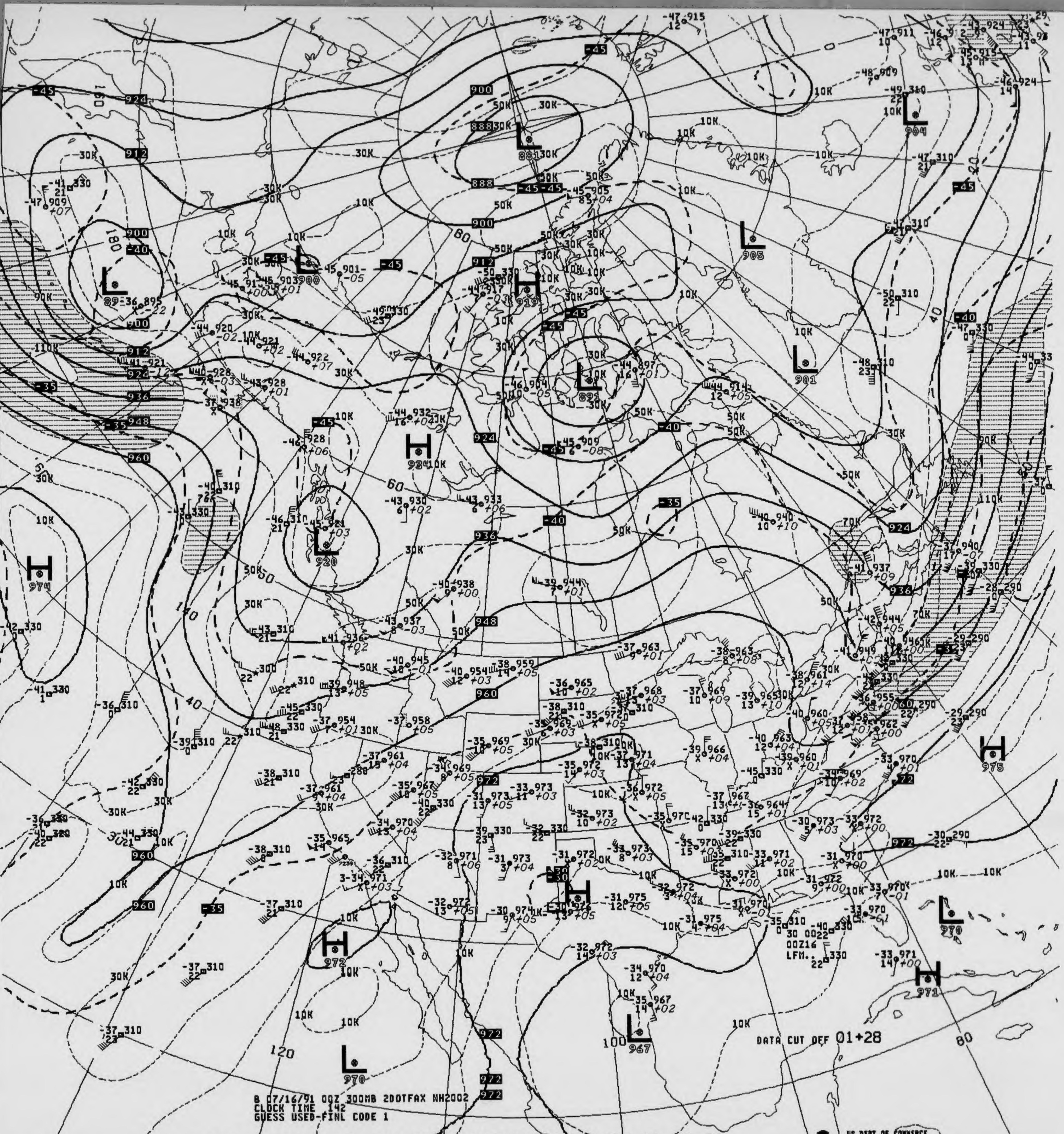
12Z15
LFM..
L 884
L 896
L 892
L 901
L 902
L 959
L 966
L 960
L 968
H 915
H 105
H 930
H 975
H 969
H 971
912
924
936
948
960
972
888
900

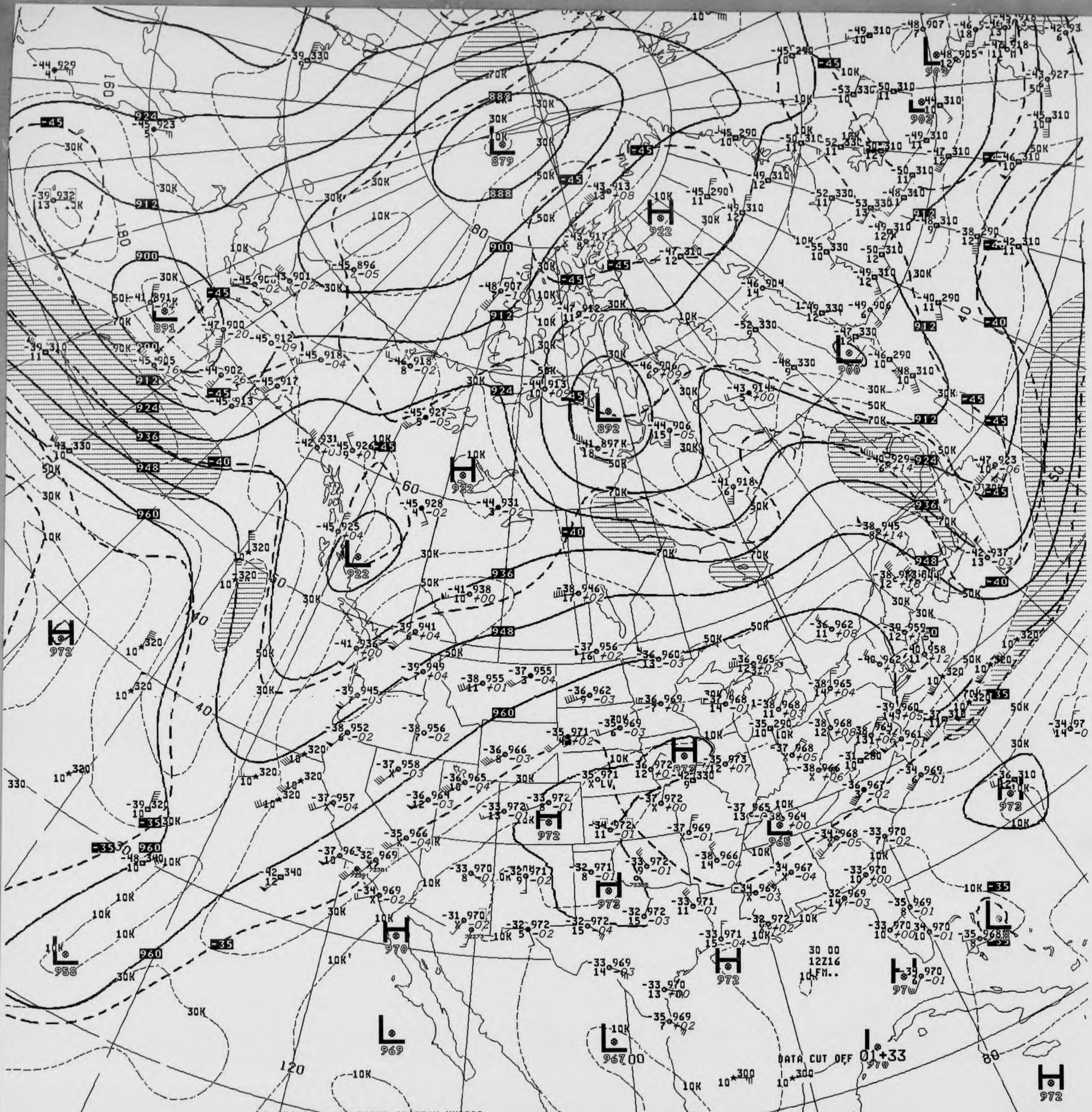
B 07/15/91 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1354
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 15 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+28
B 07/16/91 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

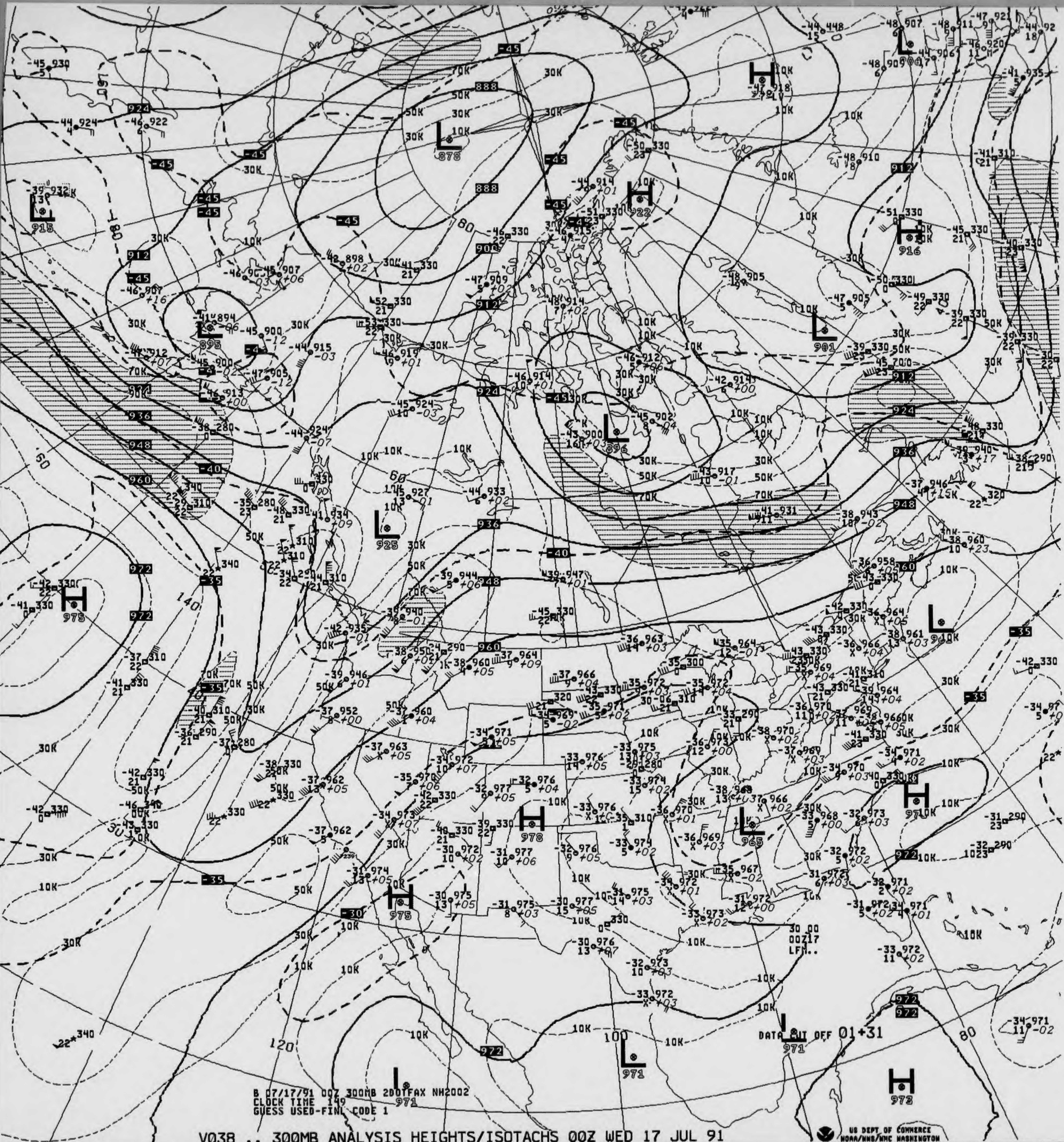
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 16 JUL 91


DATA CUT OFF 01+33
30 00
12Z16
10 FM..

B 07/16/91 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1352
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 16 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/17/91 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 149
GUESS USED-FINL CODE 1
DATA CUT OFF 01+31
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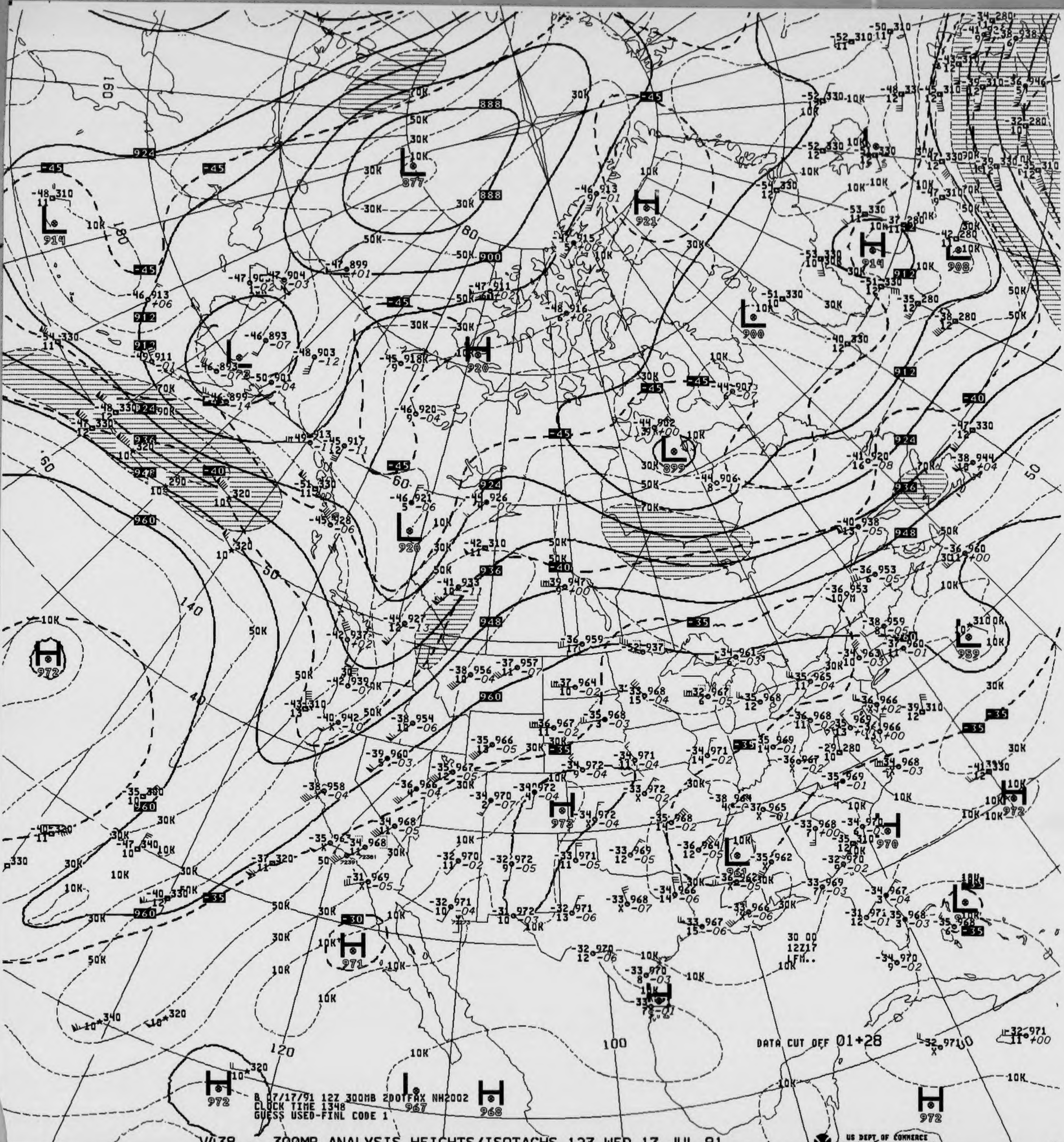
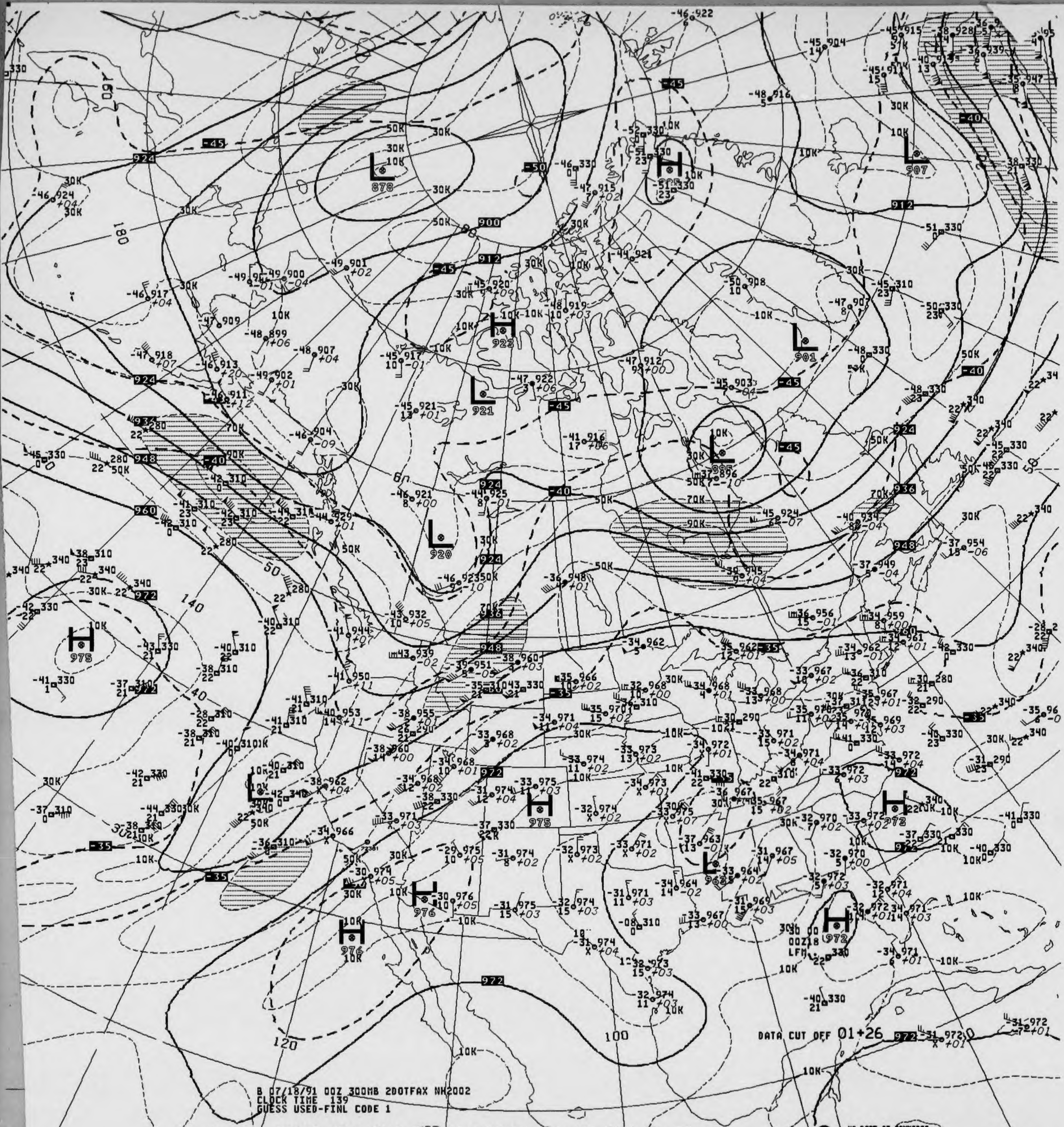
00Z17
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 17 JUL 91

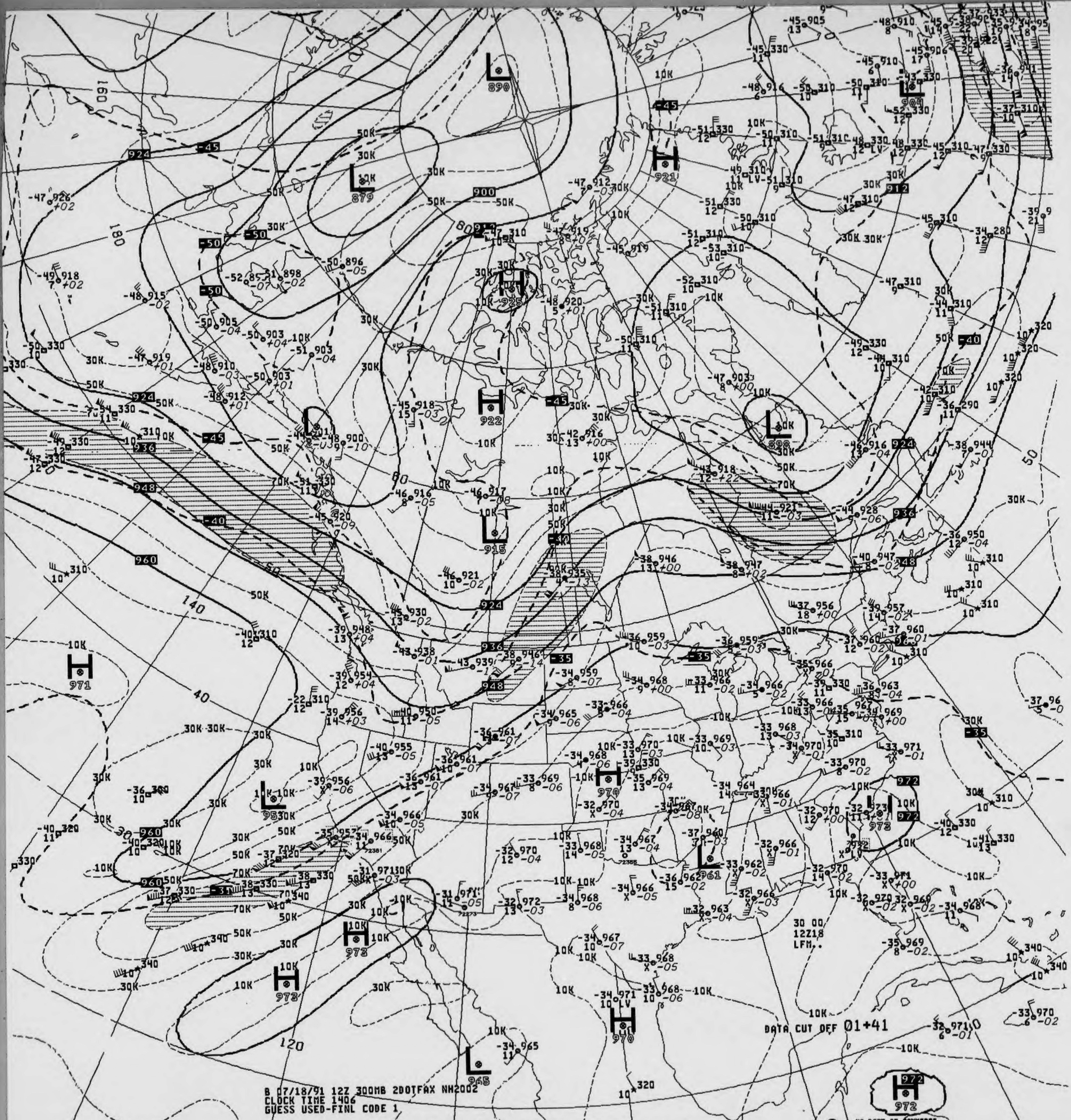

B 07/17/91 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1348
GUESS USED-FINL CODE 1
DATA CUT OFF 01+28
30 00
12Z17
LFM..
L 877
L 914
L 893
L 920
L 899
L 900
L 919
L 908
L 961
H 921
H 920
H 972
H 959
H 973
H 970
H 971
H 967
H 968
888
900
912
924
936
948
960
-45
-40
-35
-30
10K
30K
50K
70K
90K
160
180
60
80
50
40
140
120
100
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 17 JUL 91

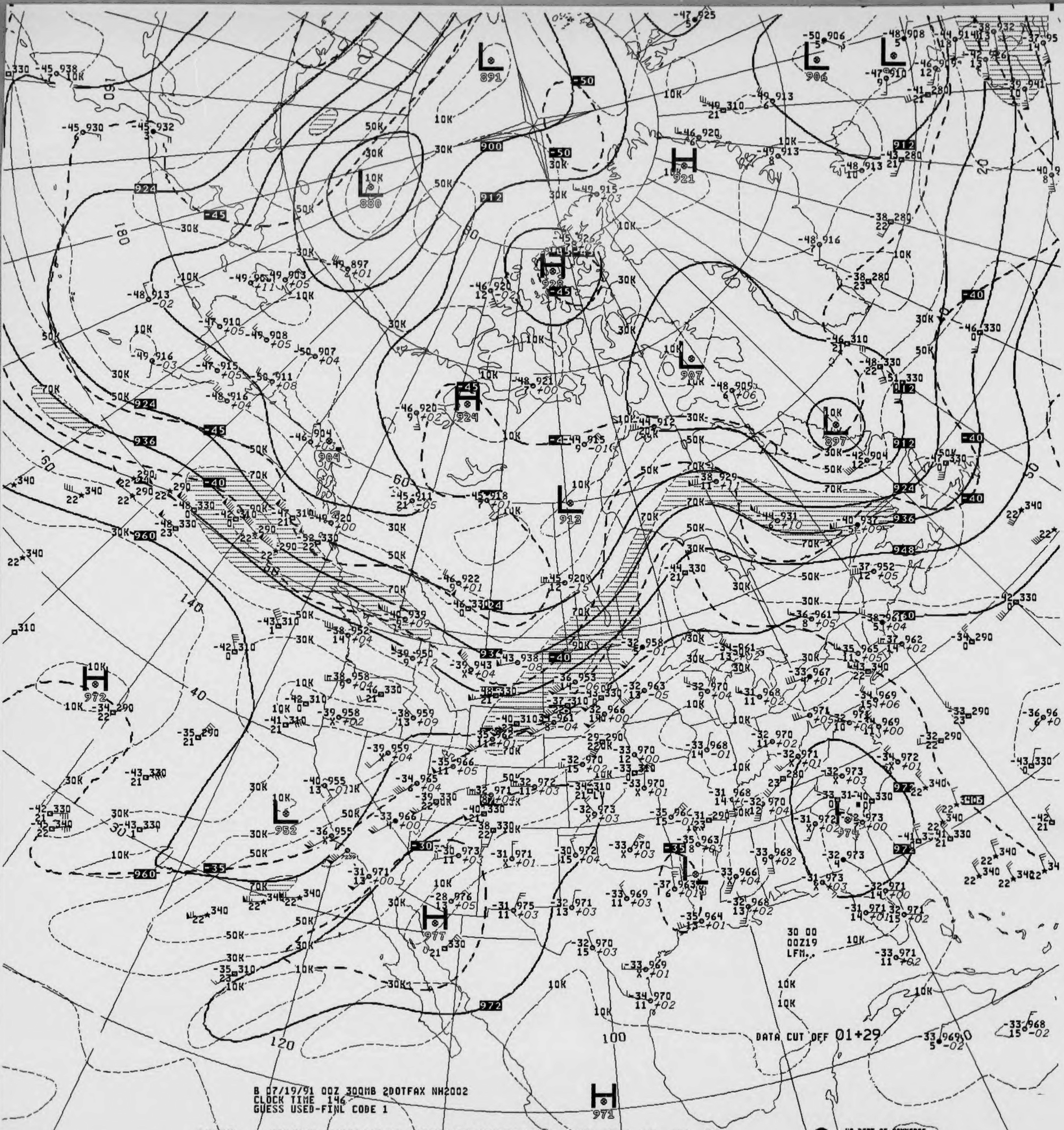

DATA CUT OFF 01+26
B 07/18/91 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 139
GUESS USED-FINL CODE 1

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 18 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/18/91 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1406
GUESS USED-FINL CODE 1
DATA CUT OFF 01+41
30 00
12Z18
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 18 JUL 91

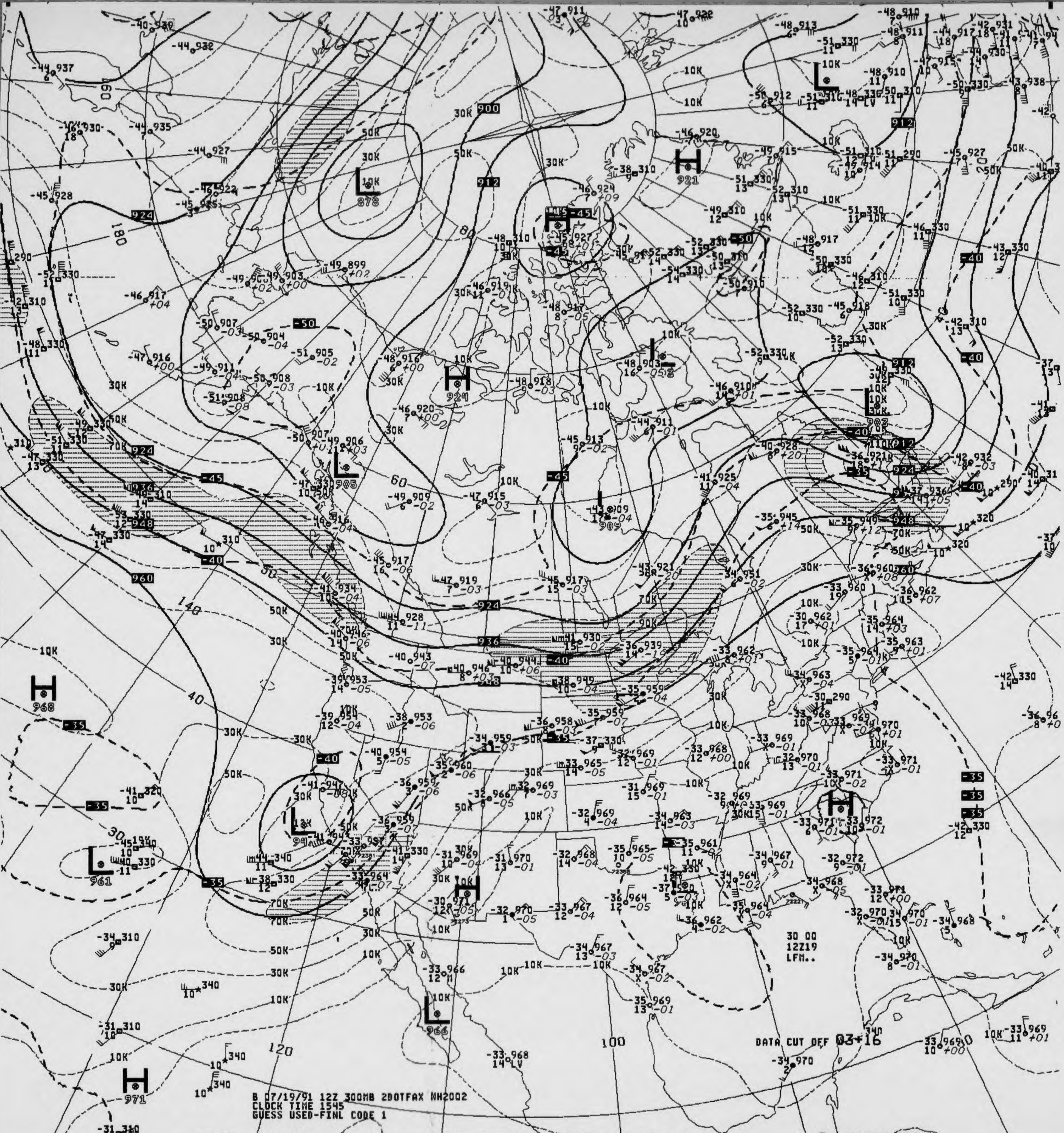

L
891
L
880
L
906
L
H
921
H
928
L
907
H
924
L
897
L
913
H
972
L
952
H
977
H
971
900
912
924
936
948
960
972
-50
-45
-40
-35
-30
10K
30K
50K
70K
180
160
140
120
100
60
40
50
20
30 00
00Z19
LFM.

B 07/19/91 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 146
GUESS USED-FINL CODE 1

DATA CUT OFF 01+29

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 19 JUL 91

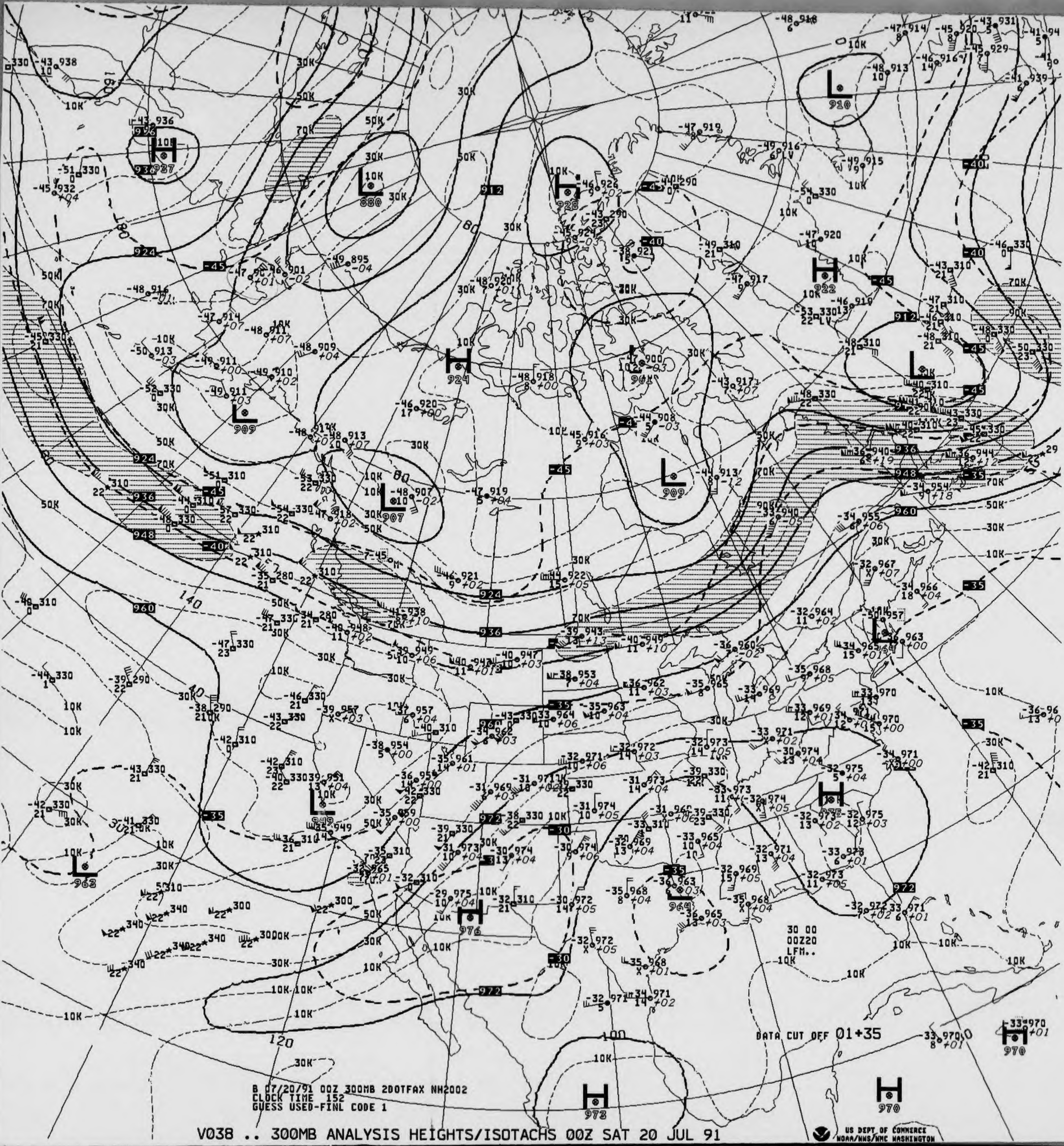
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



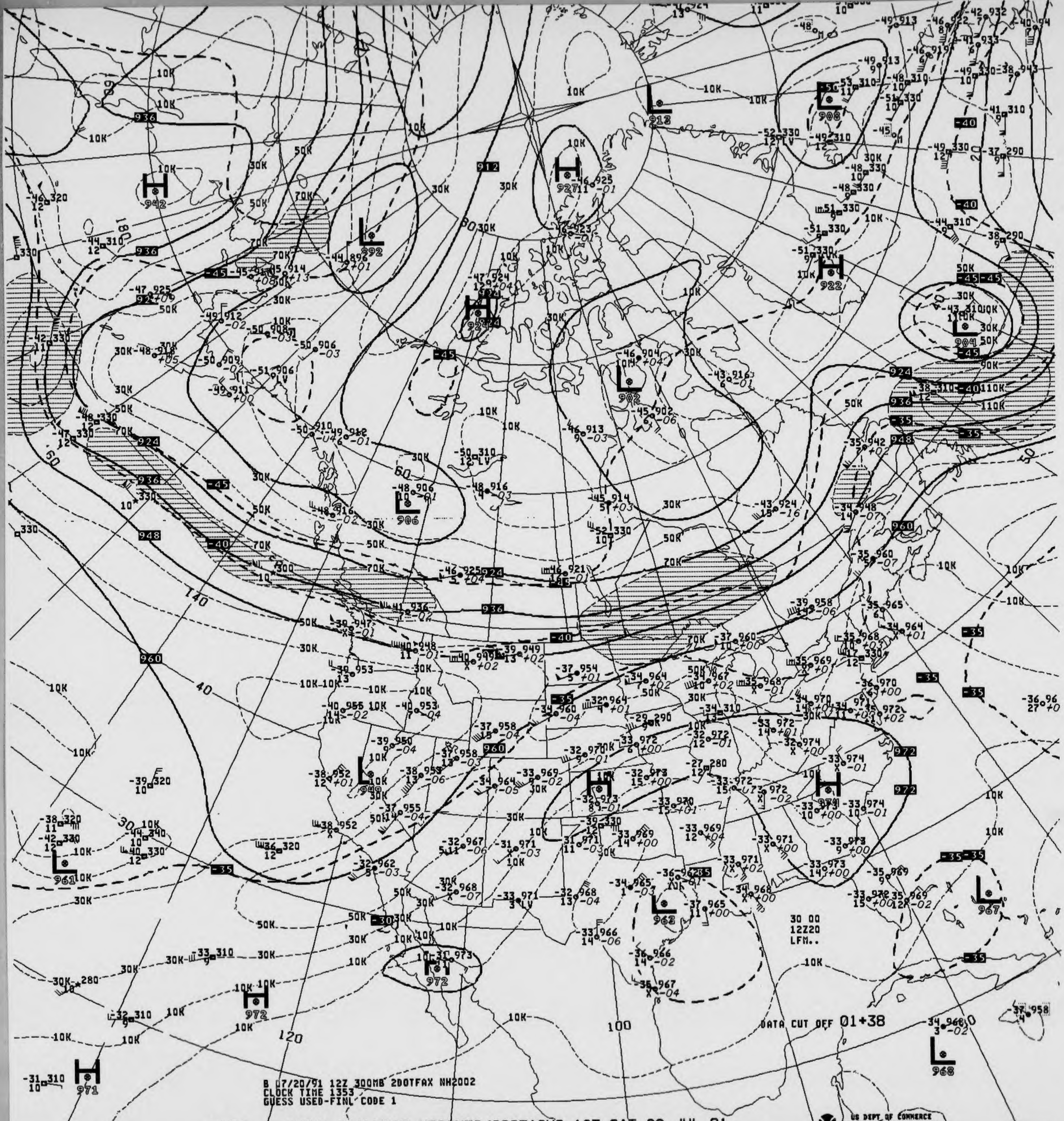
B 07/19/91 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1545
GUESS USED-FINL CODE 1
DATA CUT OFF 03+16
30 00
12Z19
LFM..

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 19 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/20/91 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 152
GUESS USED-FINL CODE 1
DATA CUT OFF 01+35
30 00
00Z20
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H 937
L 880
H 928
L 910
H 922
L 909
H 924
L 900
L 909
L 907
L 949
L 963
H 976
H 964
H 975
H 973
H 970
H 970
912
924
936
948
960
972
-45
-40
-35
-30
10K
30K
50K
70K
90K
80
140
120
100
180

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 20 JUL 91



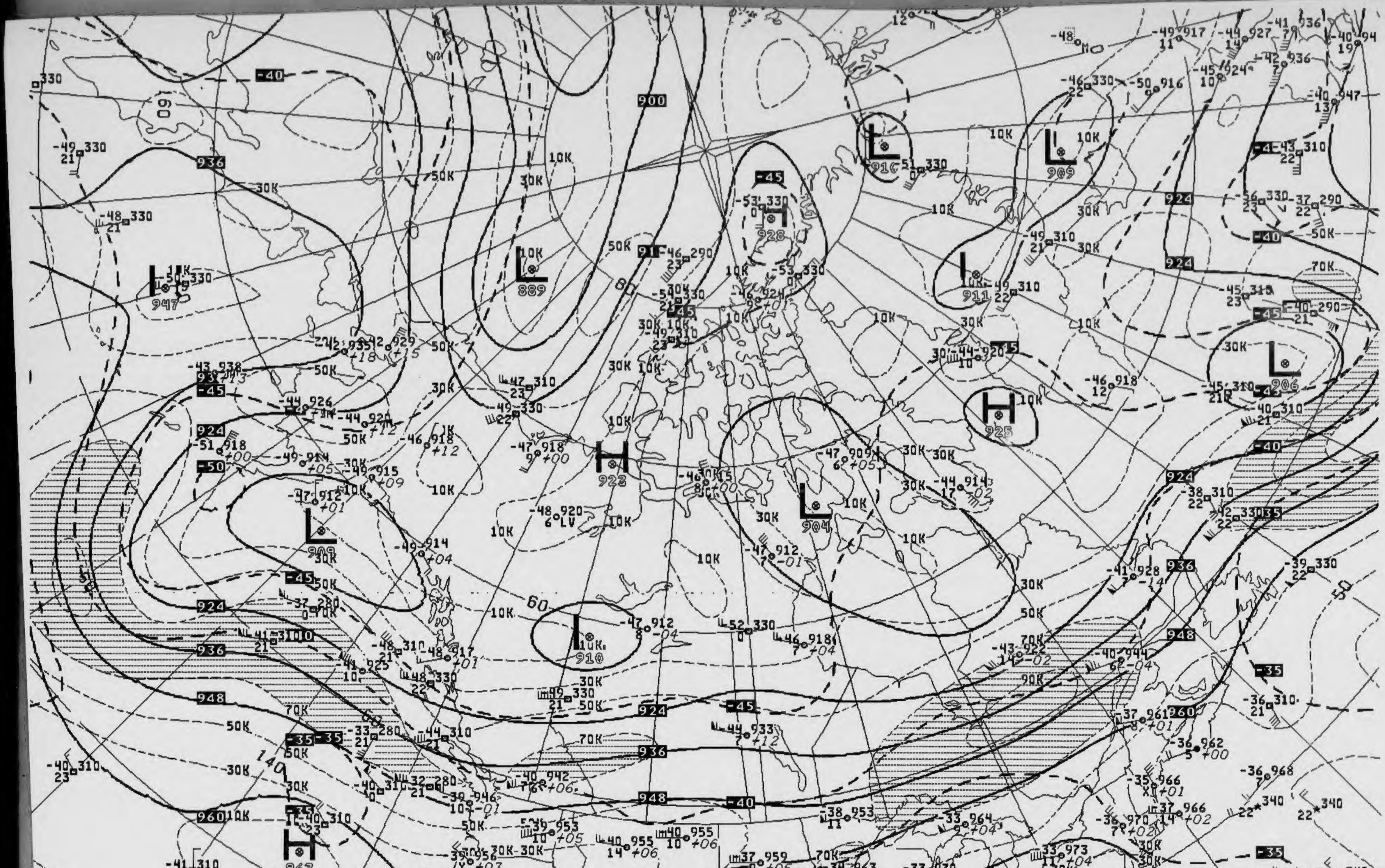
30 00
12Z20
LFM..

DATA CUT OFF 01+38

B 07/20/91 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1353
GUESS USED-FINL CODE 1

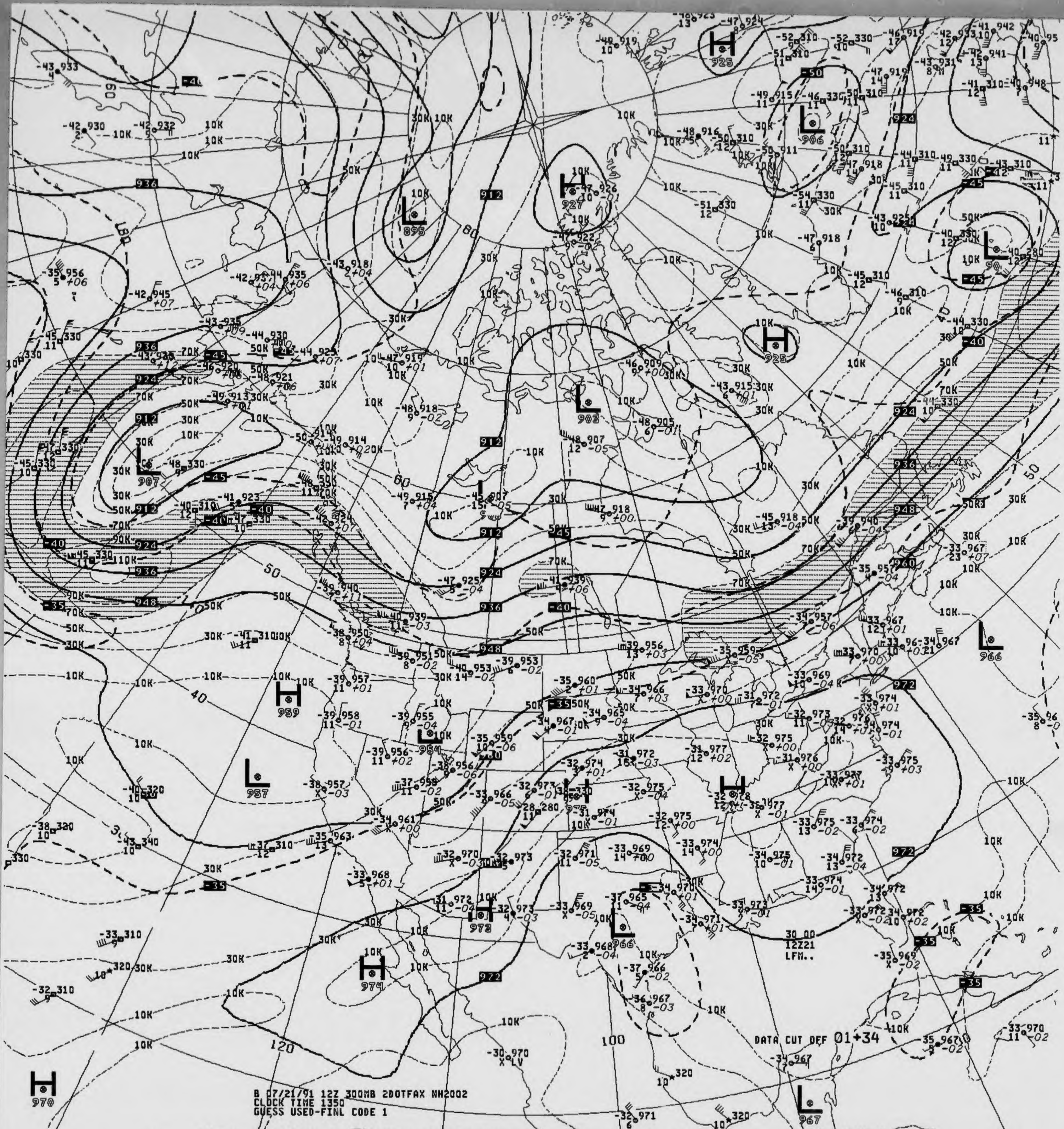
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 20 JUL 91


B 07/21/91 00Z 300MB 200TFAX NH2002
CLOCK TIME 203
GUESS USED-FINL CODE 1
DATA CUT OFF 01+40
30 00
00Z21
LFM..
900
936
924
948
960
972
L 889
L 947
L 909
L 910
L 904
L 909
L 911
L 906
L 916
L 959
L 955
L 962
L 968
L 969
H 928
H 923
H 925
H 963
H 979
H 978
10K
30K
50K
70K
60
80
100
120
140

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 21 JUL 91

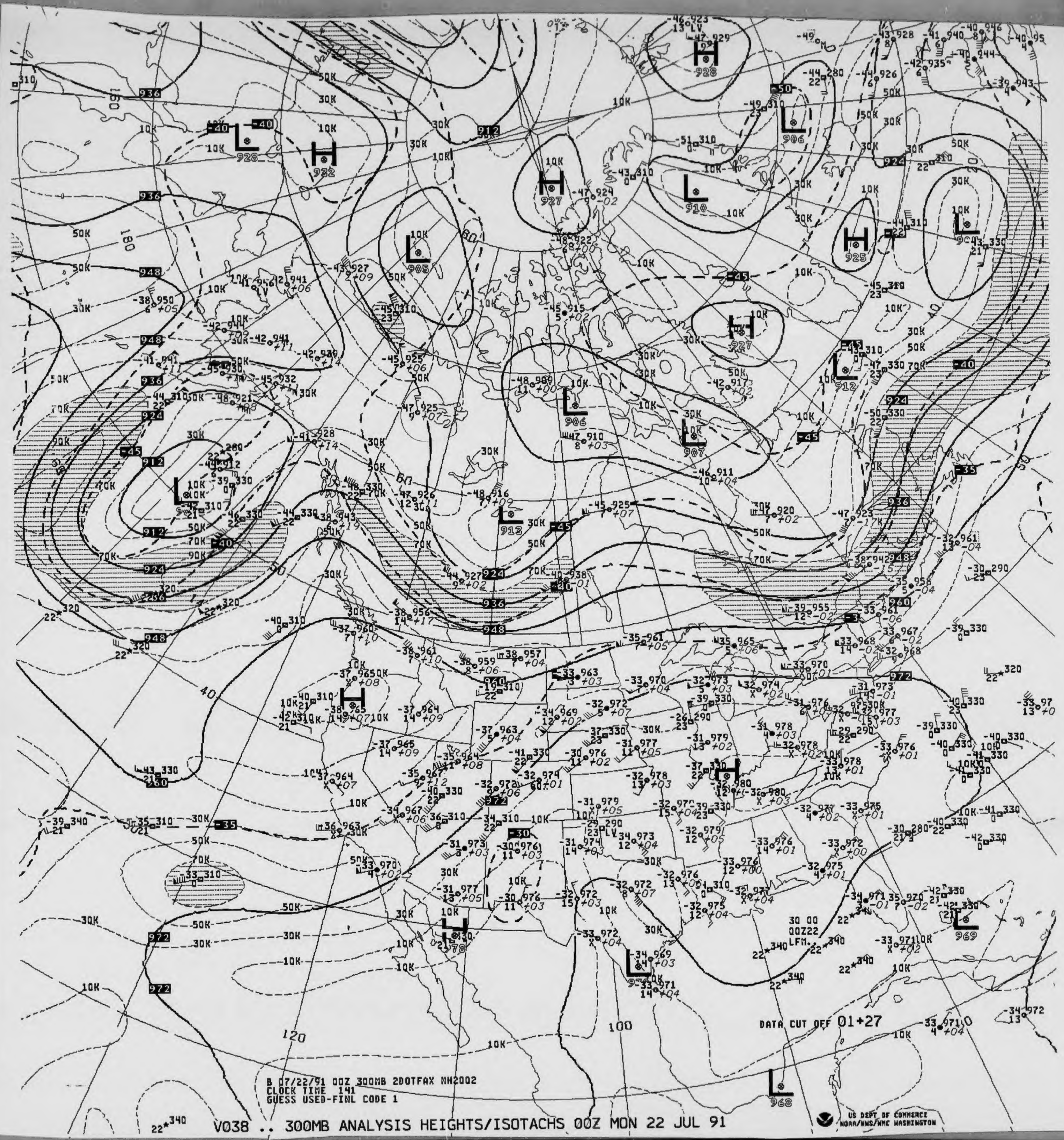
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/21/91 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1350
GUESS USED-FINL CODE 1
DATA CUT OFF 01+34
30 00
12Z21
LFM..
H 925
H 927
H 925
H 959
H 974
H 973
H 970
H 978
L 895
L 906
L 903
L 907
L 907
L 957
L 964
L 966
L 966
L 967
912
924
936
948
960
972
-35
-40
-45
-50
10K
30K
50K
70K
90K
110K
40
50
60
80
100
120

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 21 JUL 91

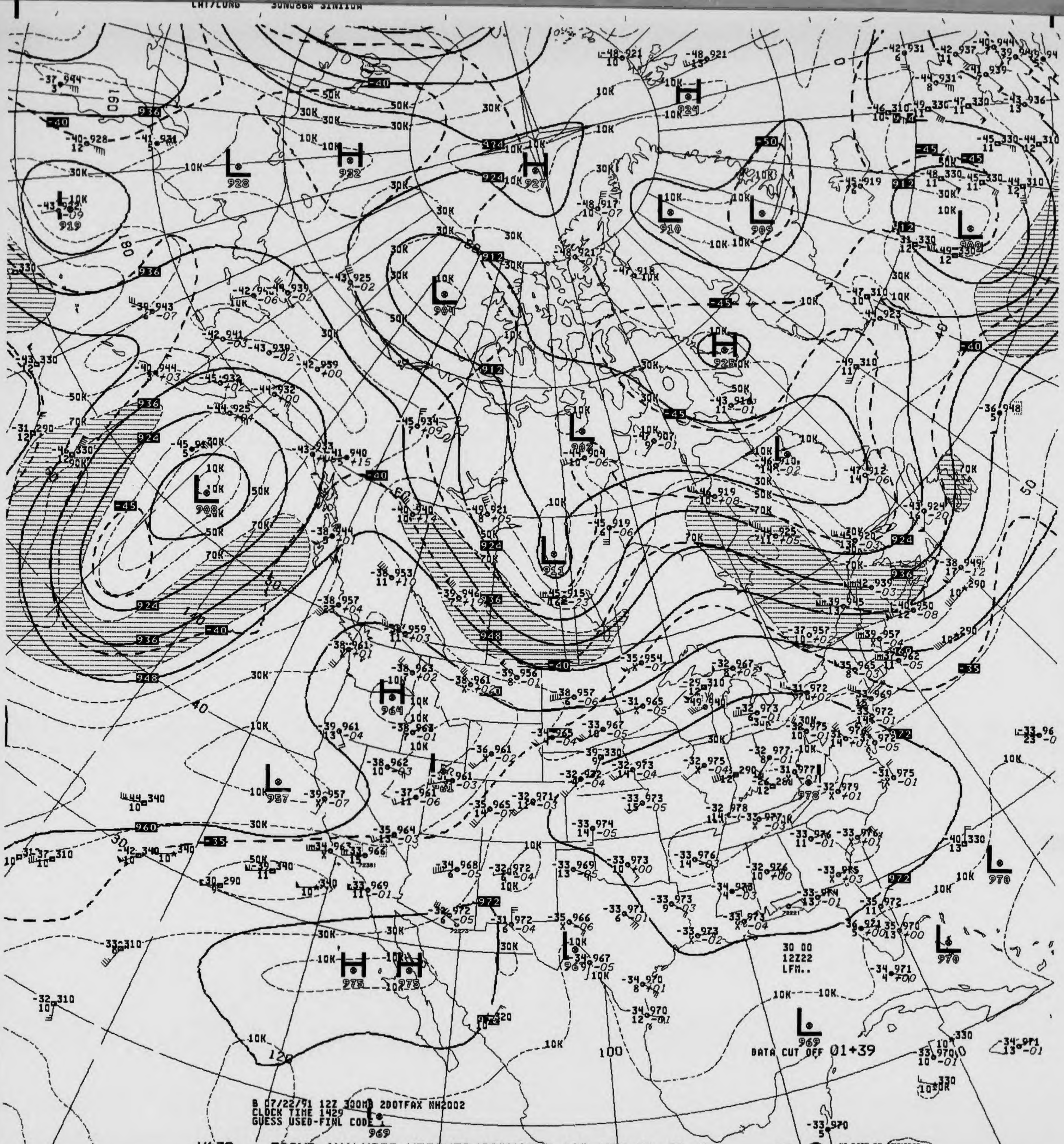
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 928
L 906
L 928
H 922
H 927
L 910
H 925
L 905
L 906
L 907
H 927
L 912
L 912
L 913
H 965
H 980
L 978
L 969
L 968
936
912
948
924
960
972
-40
-45
-35
-30
10K
30K
50K
70K
90K
180
160
120
100
DATA CUT OFF 01+27
30 00
00Z22
LFM.

B 07/22/91 00Z 300MB 2D0TFAX NH2002
CLOCK TIME 141
GUESS USED-FINL CODE 1

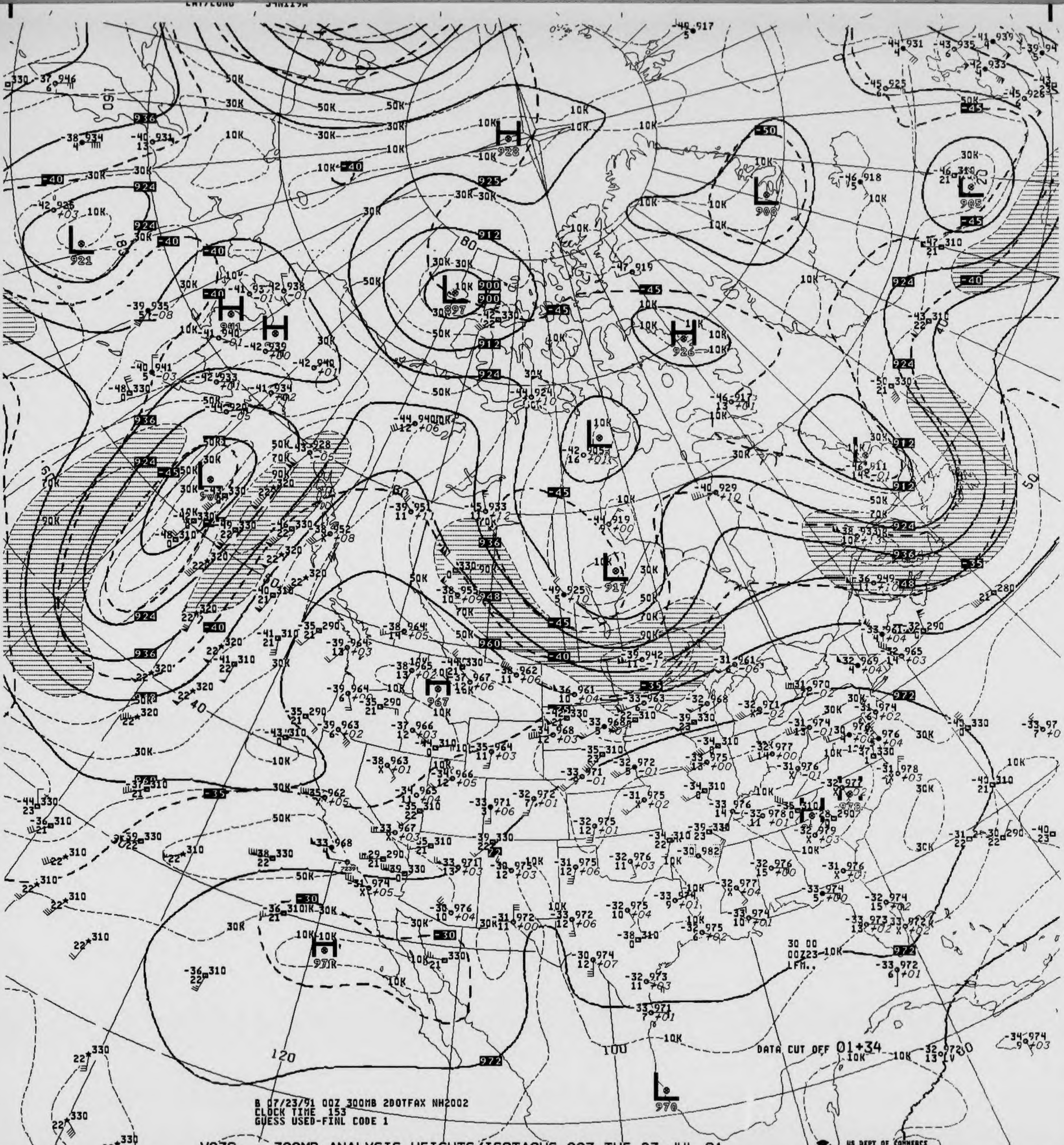
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 22 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



LAT/LONG
DATA CUT OFF 01+39
30 00
12Z22
LFM..
B 07/22/91 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1429
GUESS USED-FINL CODE
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 22 JUL 91


H
928
L
921
L
897
900
912
924
936
948
960
972
H
941
H
939
L
906
H
926
L
908
L
905
L
917
L
905
L
911
H
967
H
971
L
978
L
970
10K
30K
50K
70K
90K
-30
-35
-40
-45
-50
80
100
120
150
180
50
30

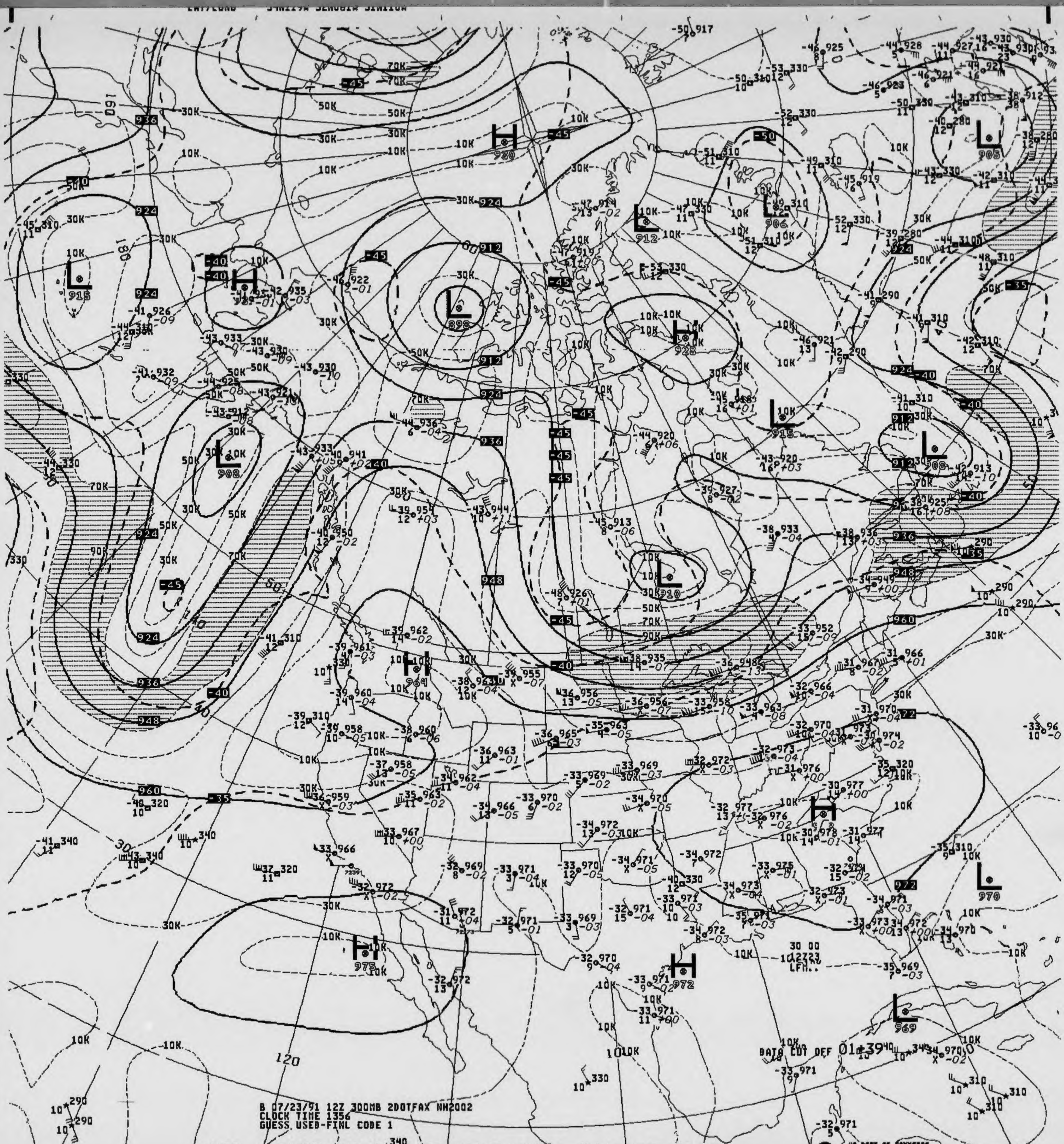
B 07/23/91 00Z 300MB 2D0TFAX NH2002
CLOCK TIME 153
GUESS USED-FINL CODE 1

DATA CUT OFF 01+34

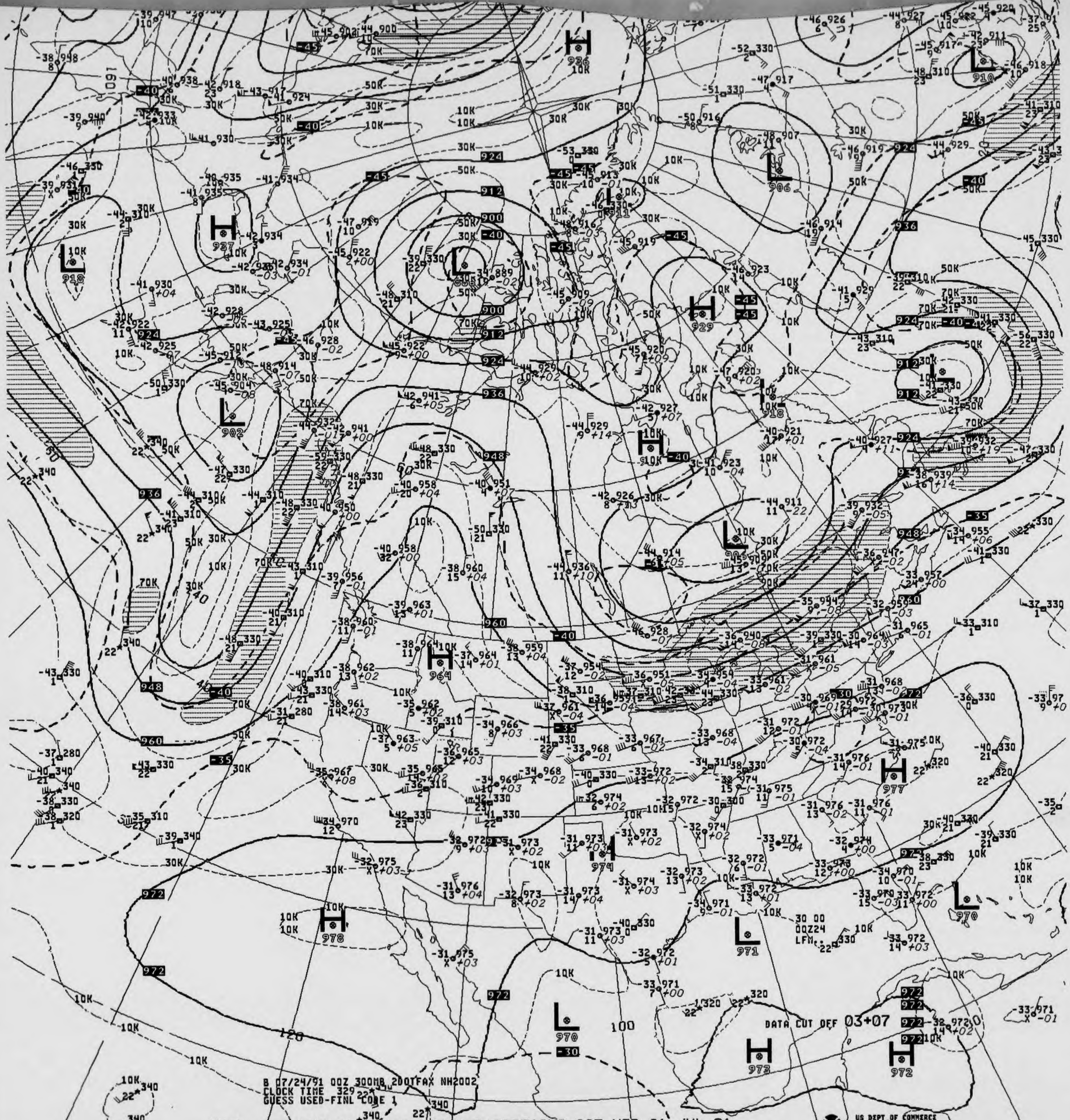
30 00
00Z23
LFM..

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 23 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/23/91 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1356
GUESS USED-FINL CODE 1
DATA CUT OFF 01+39
H 930
L 915
H 939
L 898
L 912
H 928
L 906
L 905
L 908
L 915
L 908
L 910
H 964
H 975
H 978
H 972
L 970
L 969
924
936
948
960
972
912
-40
-45
-50
-35
10K
30K
50K
70K
90K
120
160
180
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 23 JUL 91


H
936
L
910
L
906
H
927
L
918
L
888
L
902
H
929
L
918
H
L
906
H
964
H
977
H
978
L
971
L
970
L
970
H
973
H
972
900
912
924
936
948
960
972
-45
-40
-35
-30
10K
30K
50K
70K
160
120
100

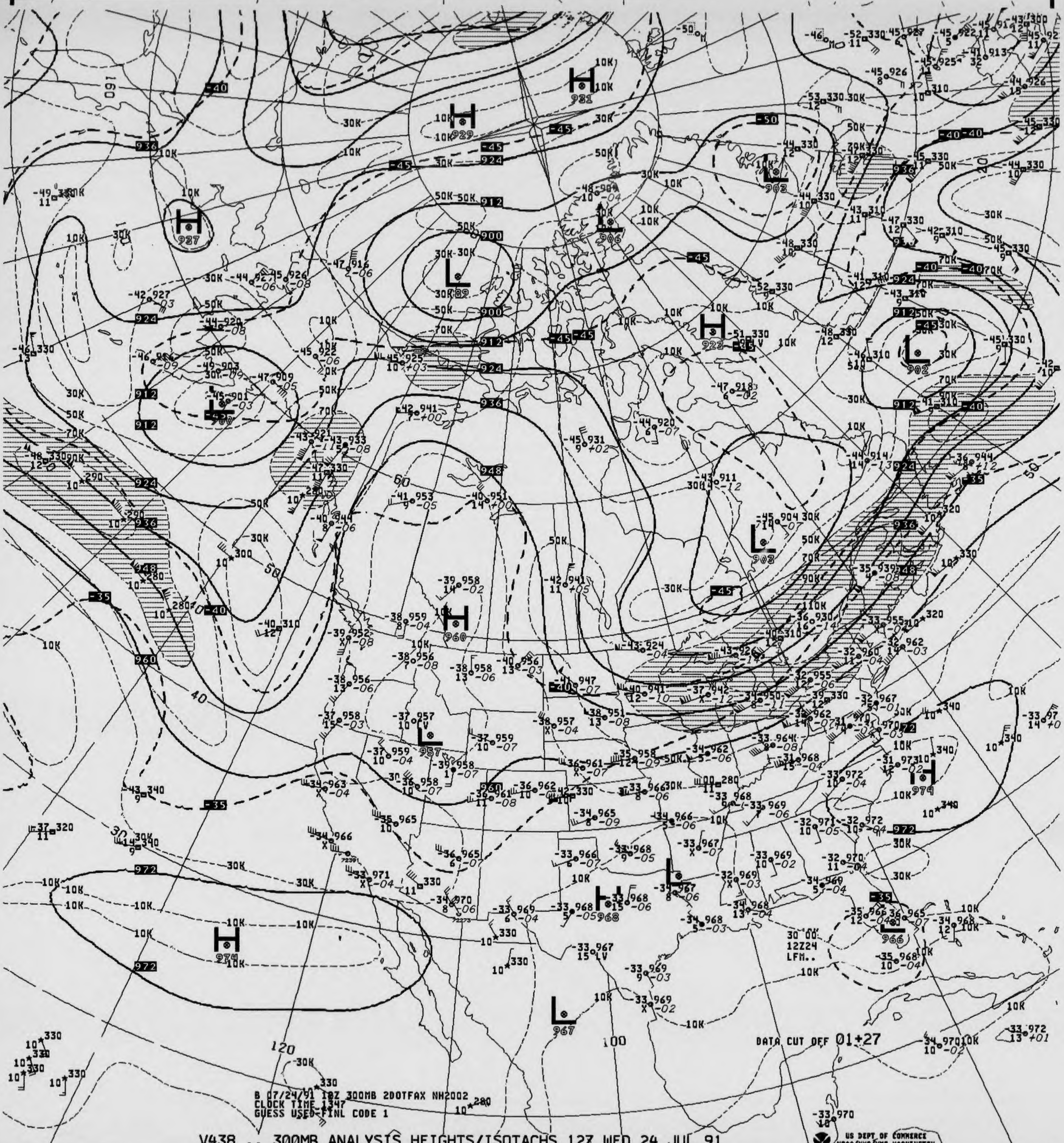
B 07/24/91 00Z 300MB 200TFAX NH2002
CLOCK TIME 329
GUESS USED-FINL CORE 1

DATA CUT OFF 03+07

30 00
00Z24
LFM

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 24 JUL 91

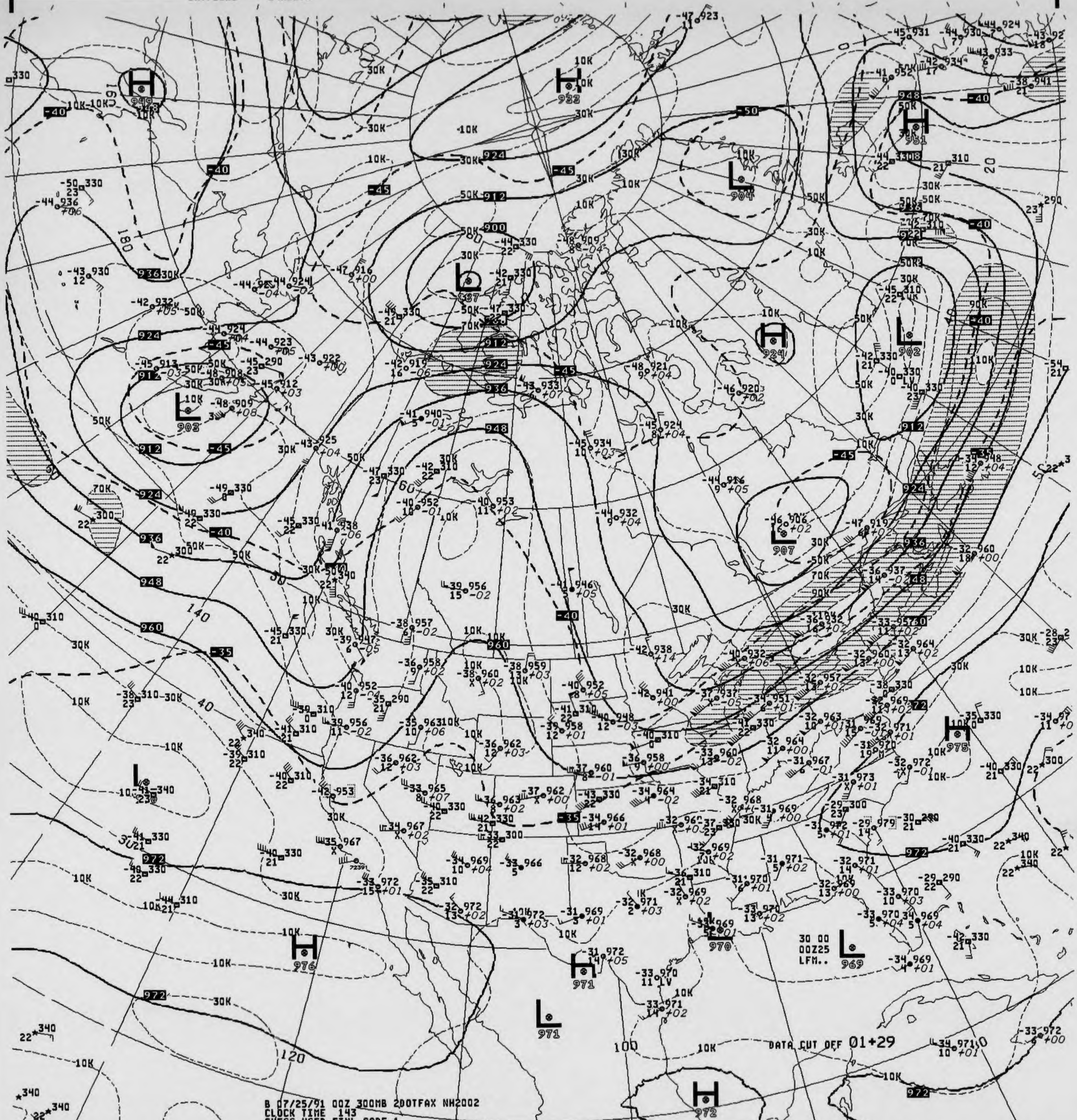
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/24/91 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1347
GUESS USED-FINL CODE 1
DATA CUT OFF 01+27
30 00
12Z24
LFM..
H
929
931
927
960
974
923
L
882
906
903
902
908
957
967
966
968
900
912
924
936
948
960
972
-35
-40
-45
-50
10K
30K
50K
70K
40
50
60
100
120
160

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 24 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

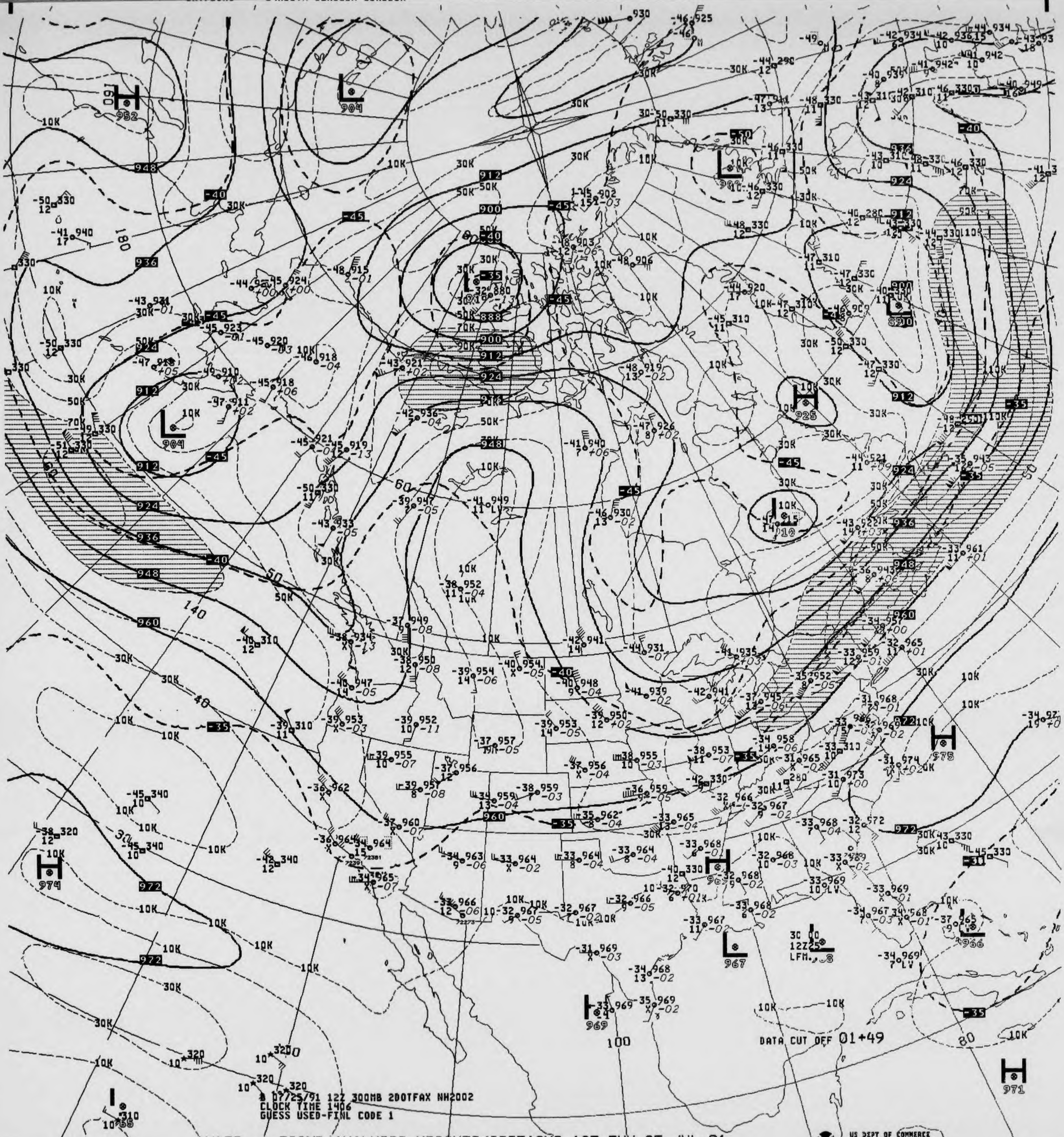
LAT/LONG 34N119W


DATA CUT OFF 01+29
30 00
00Z25
LFM..

B 07/25/91 00Z 300MB 200TFAX NH2002
CLOCK TIME 143
GUESS USED-FINL CODE 1

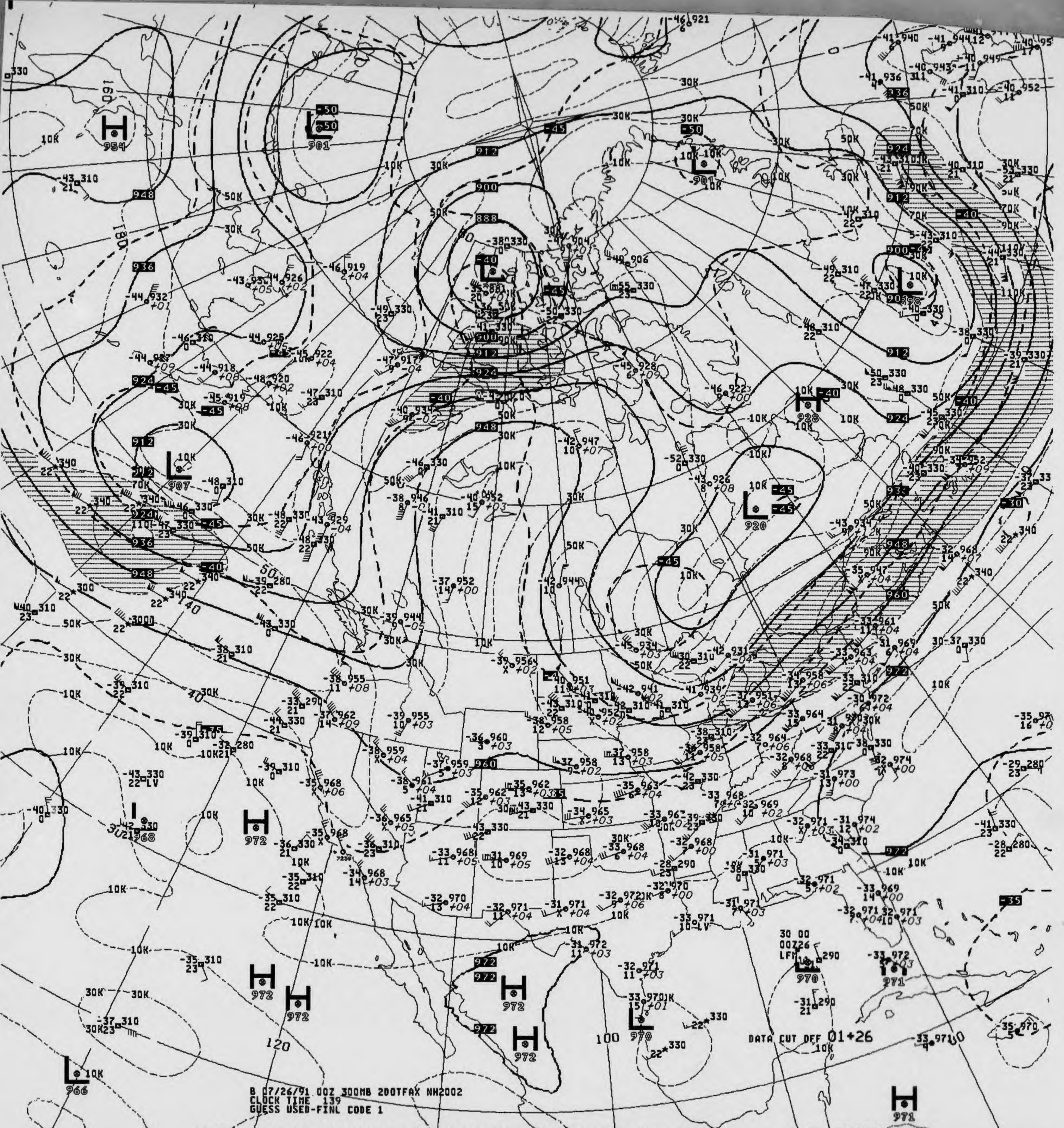
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 25 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



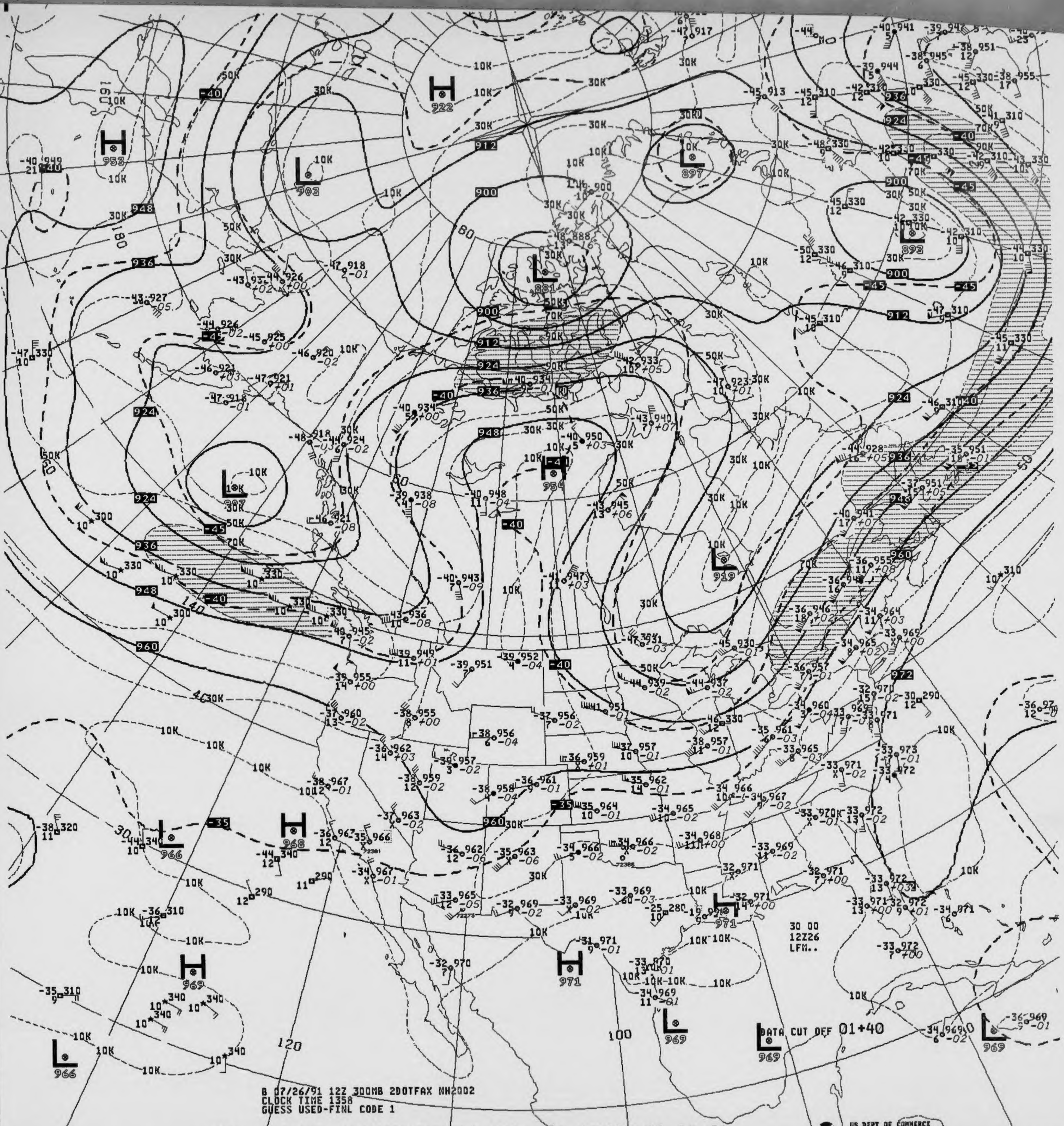
07/25/91 12Z 300MB 200TFAX NH2002
CLOCK TIME 1406
GUESS USED-FINL CODE 1
DATA CUT OFF 01+49
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
30 00
12Z25
LFM

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 25 JUL 91


B 07/26/91 00Z 300MB 200TFAX NH2002
CLOCK TIME 139
GUESS USED-FINL CODE 1
DATA CUT OFF 01+26
H 954
L 901
L 907
L 920
H 928
L 909
L 970
L 966
H 972
H 971
30 00
00Z26
LFM
160
180
120
100

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 26 JUL 91

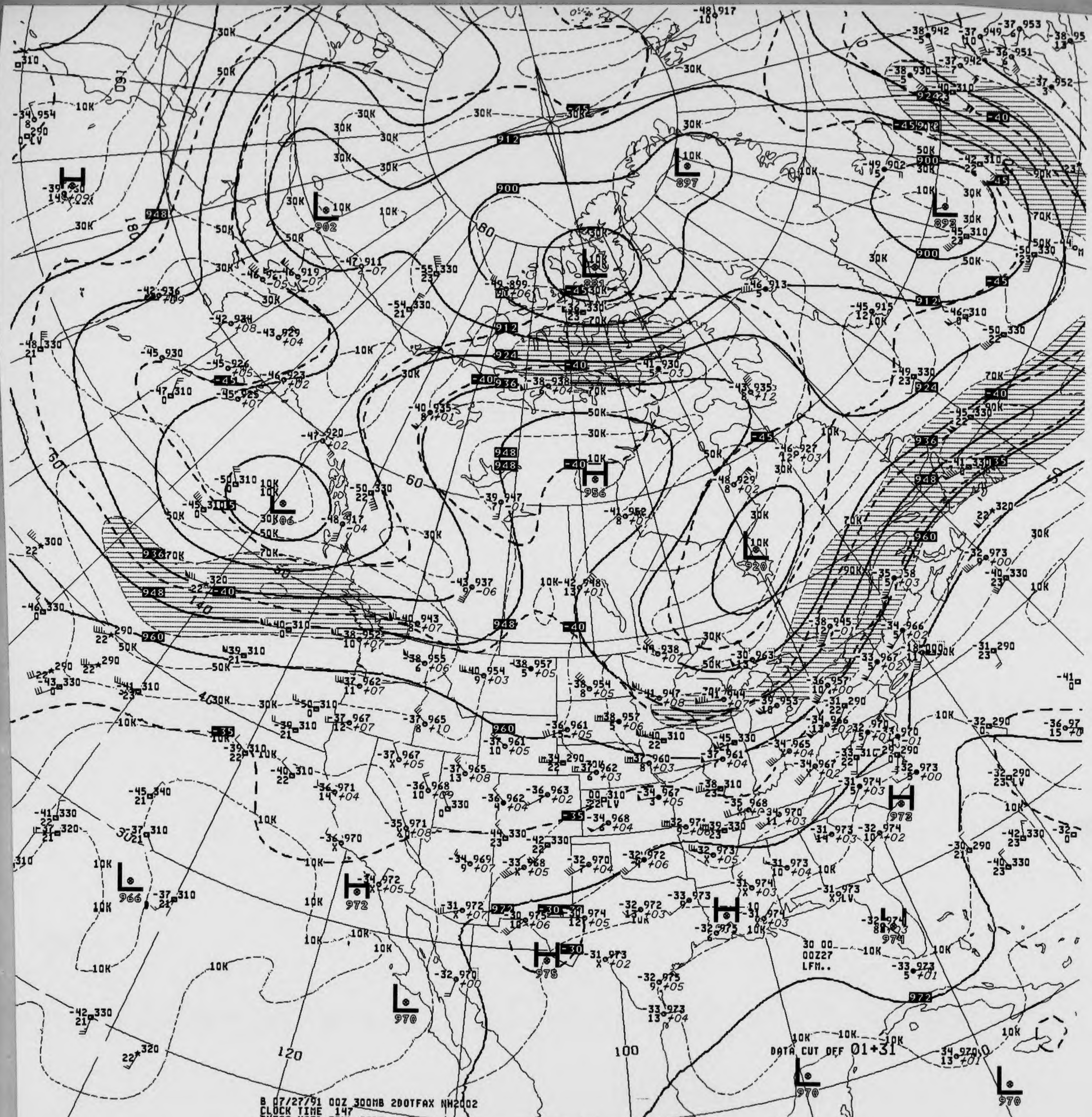
US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON


H
952
L
903
H
922
L
897
L
881
L
893
L
907
H
954
L
919
L
966
H
968
H
969
H
971
L
971
L
969
L
969
L
969
L
966
900
912
924
936
948
960
972
-40
-45
-35
10K
30K
50K
70K
DATA CUT OFF 01+40
30 00
12Z26
LFM..
180
160
140
120
100
80
60
50

B 07/26/91 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1358
GUESS USED-FINL CODE 1

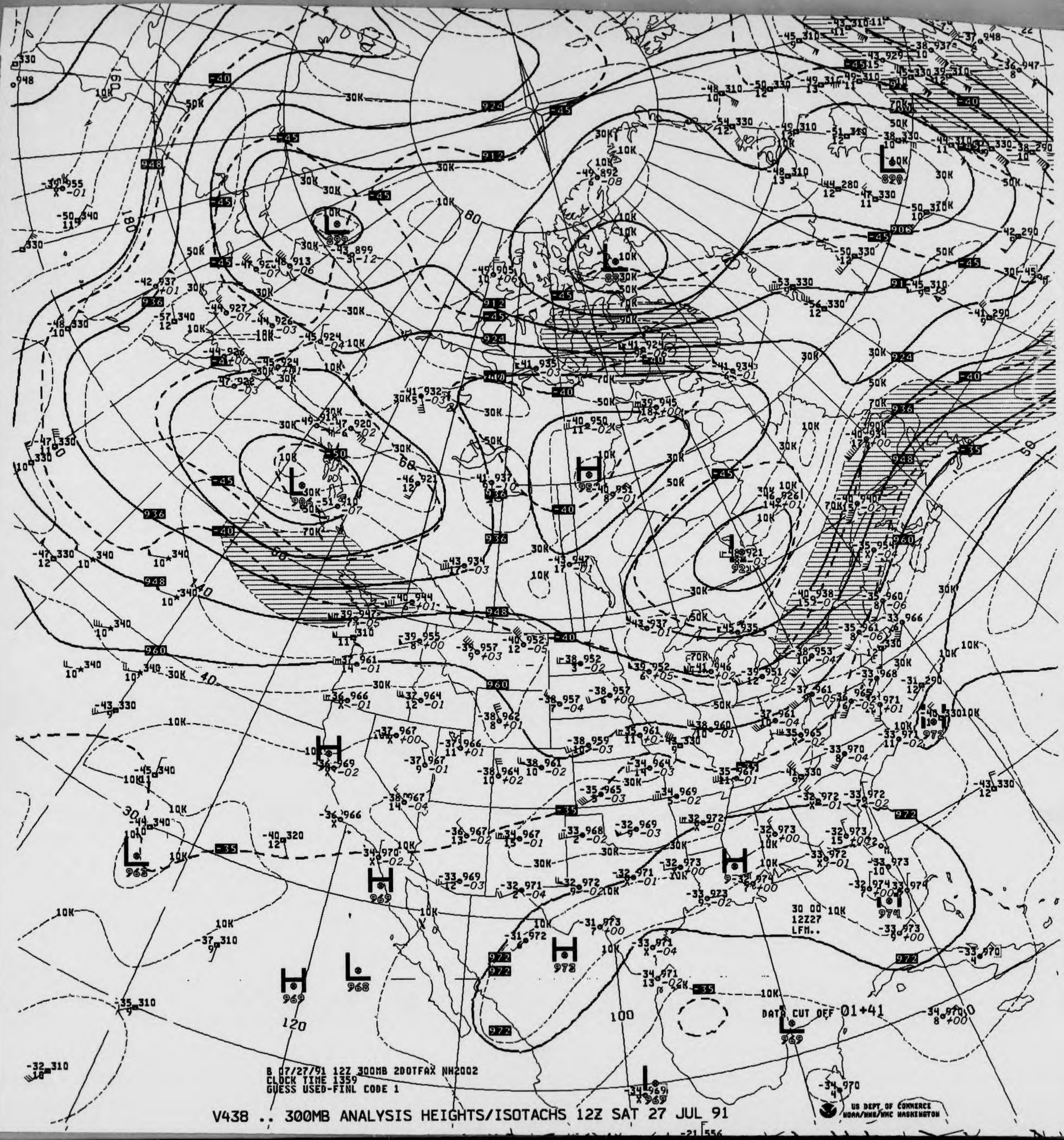
V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 26 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/27/91 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1
DATA CUT OFF 01+31
30 00
00Z27
LFM..
US DEPT OF COMMERCE

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 27 JUL 91

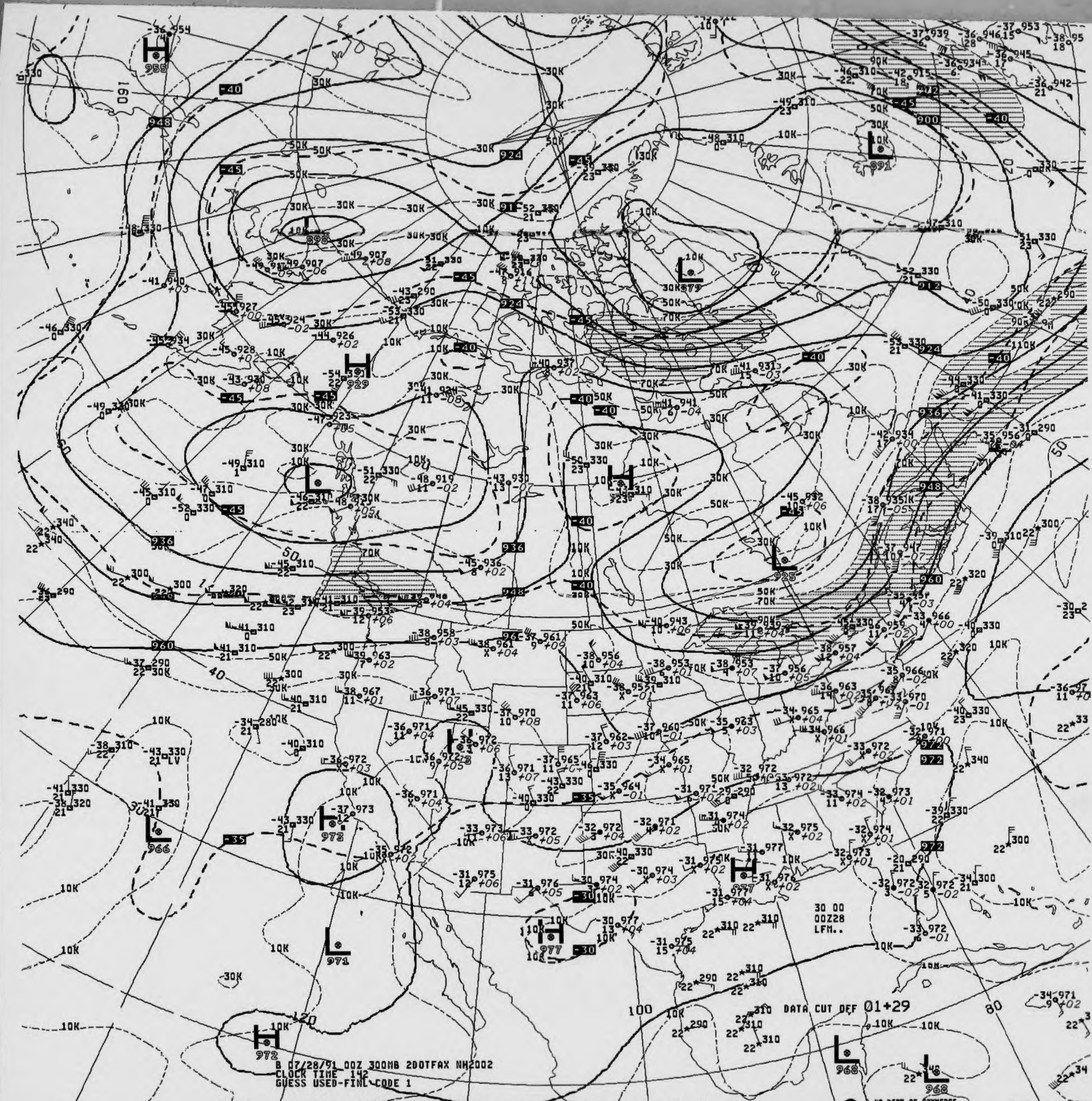


DATA CUT OFF 01+41
30 00
12Z27
LFM..

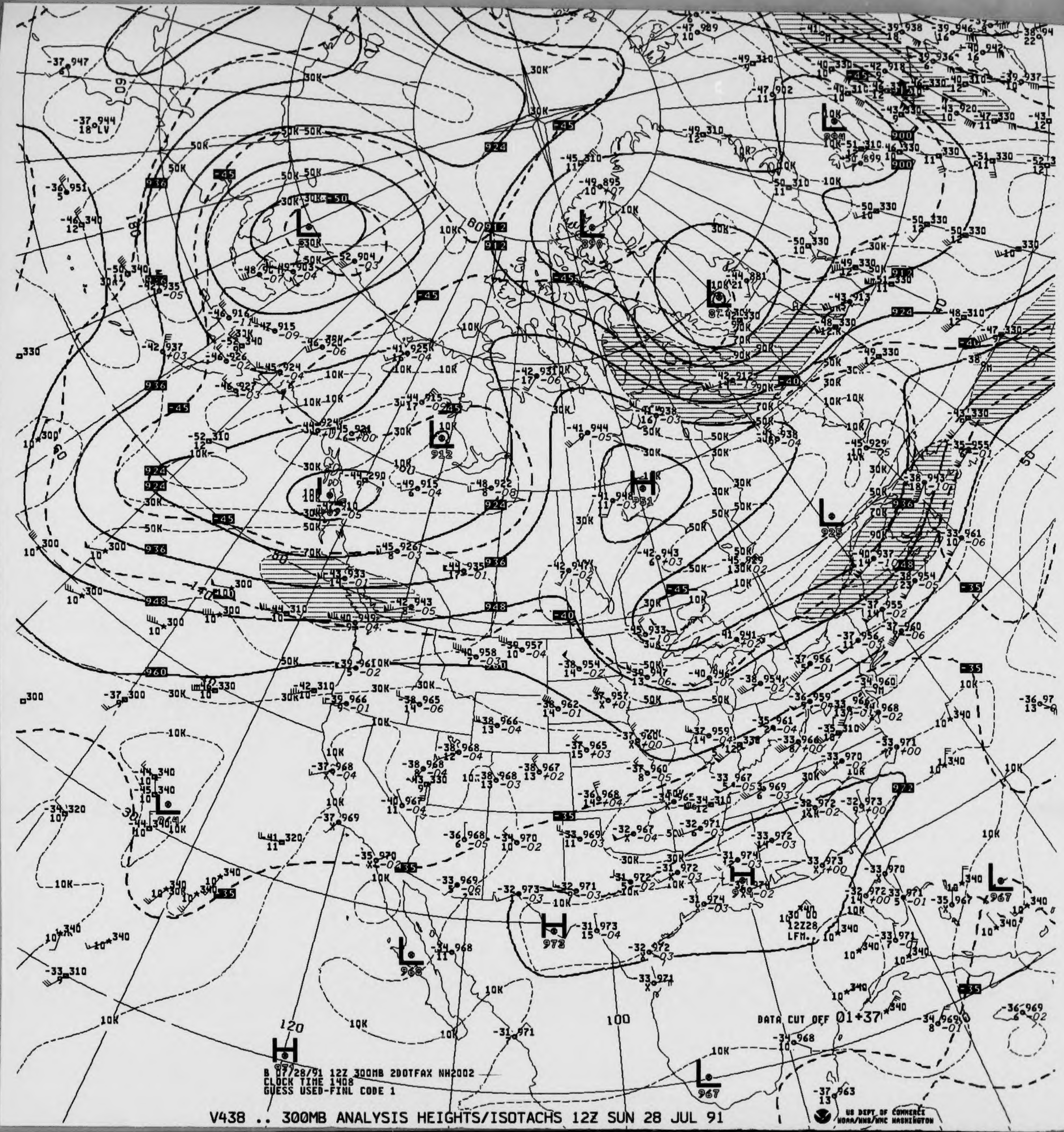
B 07/27/91 12Z 300MB 200TFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 27 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/28/91 00Z 300MB 20OTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1
DATA CUT OFF 01+29
30 00
00Z28
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

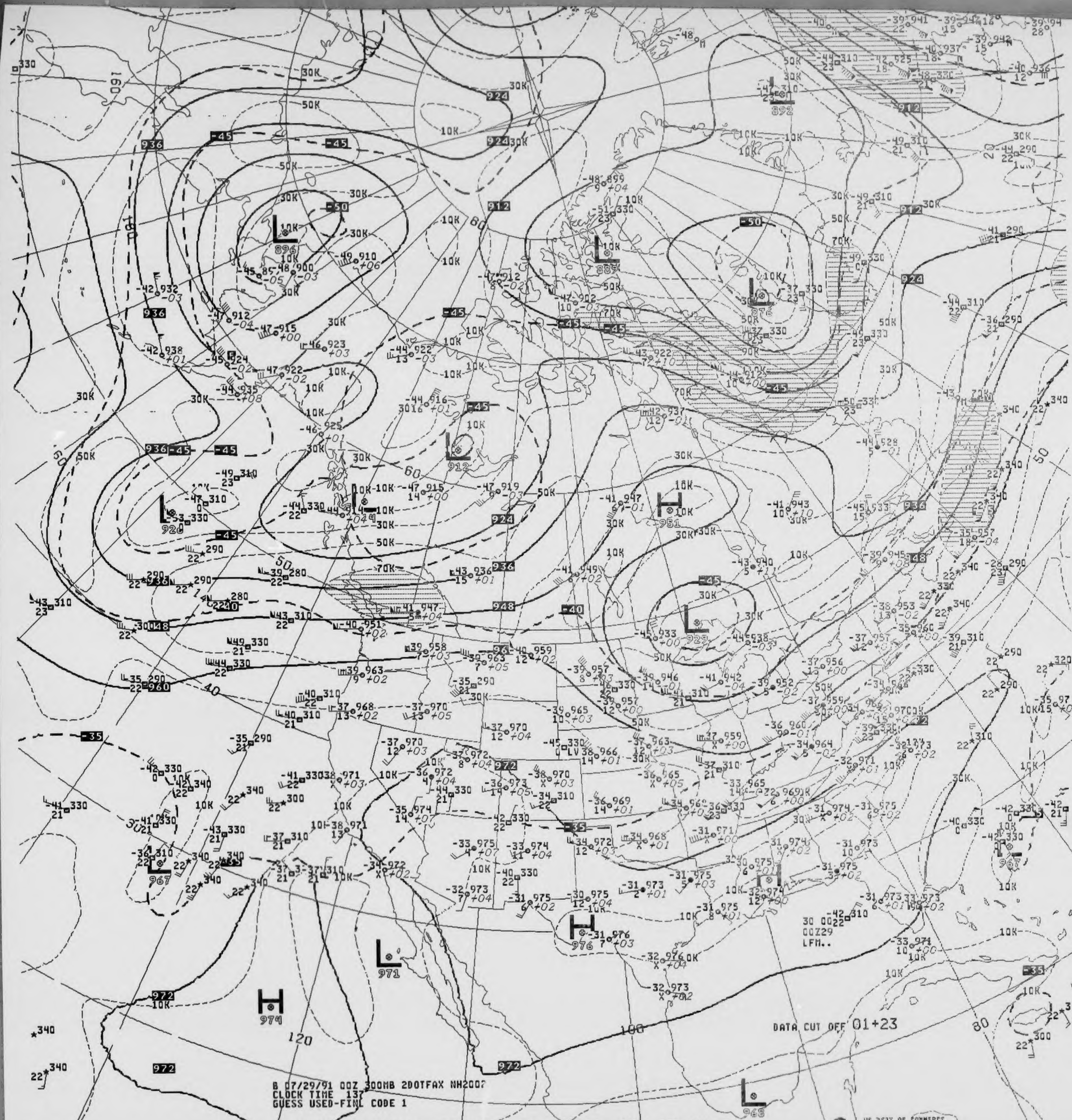
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 28 JUL 91


L
830
L
890
L
912
L
881
L
900
L
925
L
967
L
968
L
967
H
931
H
972
H
969
H
971
924
936
948
960
912
900
972
-45
-50
-40
-35
10K
30K
50K
70K
90K
120
100
180
60
50
DATA CUT OFF 01+37
10 30 00
12Z28
LFM.

B 07/28/91 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1408
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 28 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
896
L
889
L
892
L
876
L
912
L
920
L
929
H
951
L
967
L
971
H
974
H
976
L
968
924
936
912
948
960
972
-45
-50
-40
-35
10K
30K
50K
70K
90K
60
50
40
100
120
80
160

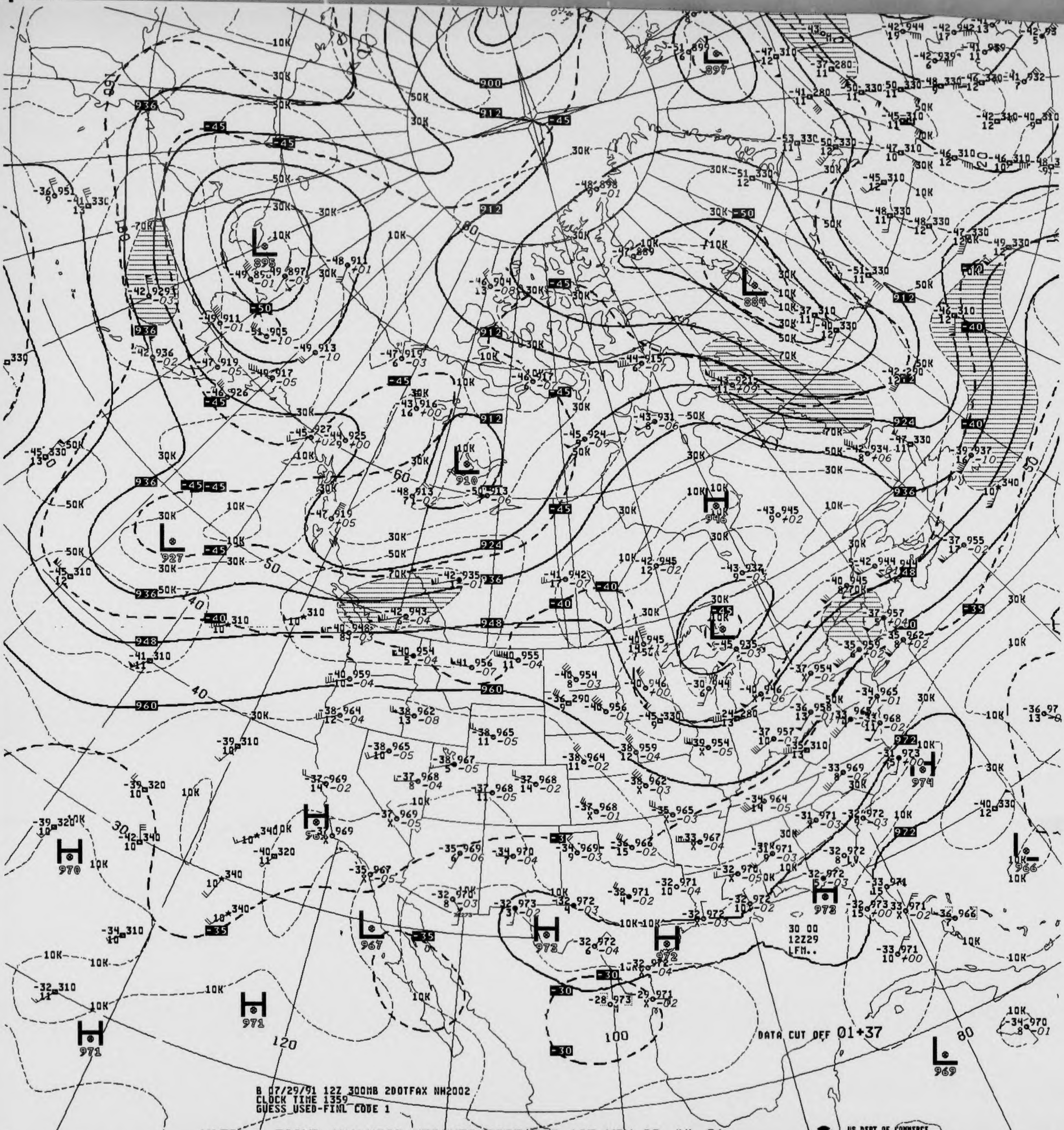
DATA CUT OFF 01+23

30 00Z22
00Z29
LFM..

B 07/29/91 00Z 300MB 2DOTFAX NH2007
CLOCK TIME 137
GUESS USED-FINL CODE 1

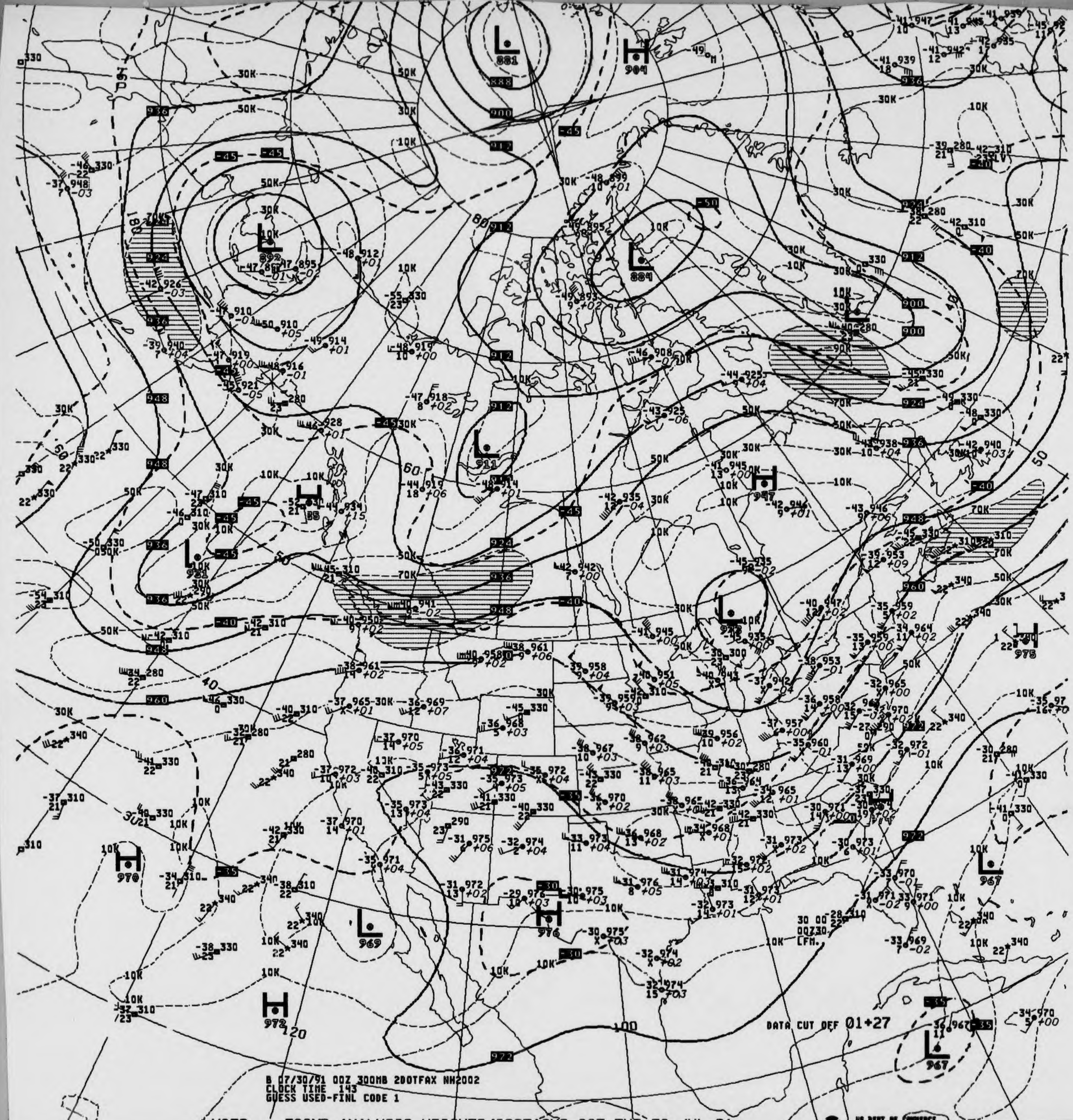
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 29 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


900
912
924
936
948
960
972
L 895
L 897
L 884
L 910
L 927
L 969
L 967
H 946
H 970
H 971
H 971
H 973
H 972
H 974
H 973
-45
-50
-40
-35
-30
10K
30K
50K
70K
30 00
12Z29
LFM..
DATA CUT OFF 01+37
B 07/29/91 12Z 300MB 200TFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 29 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

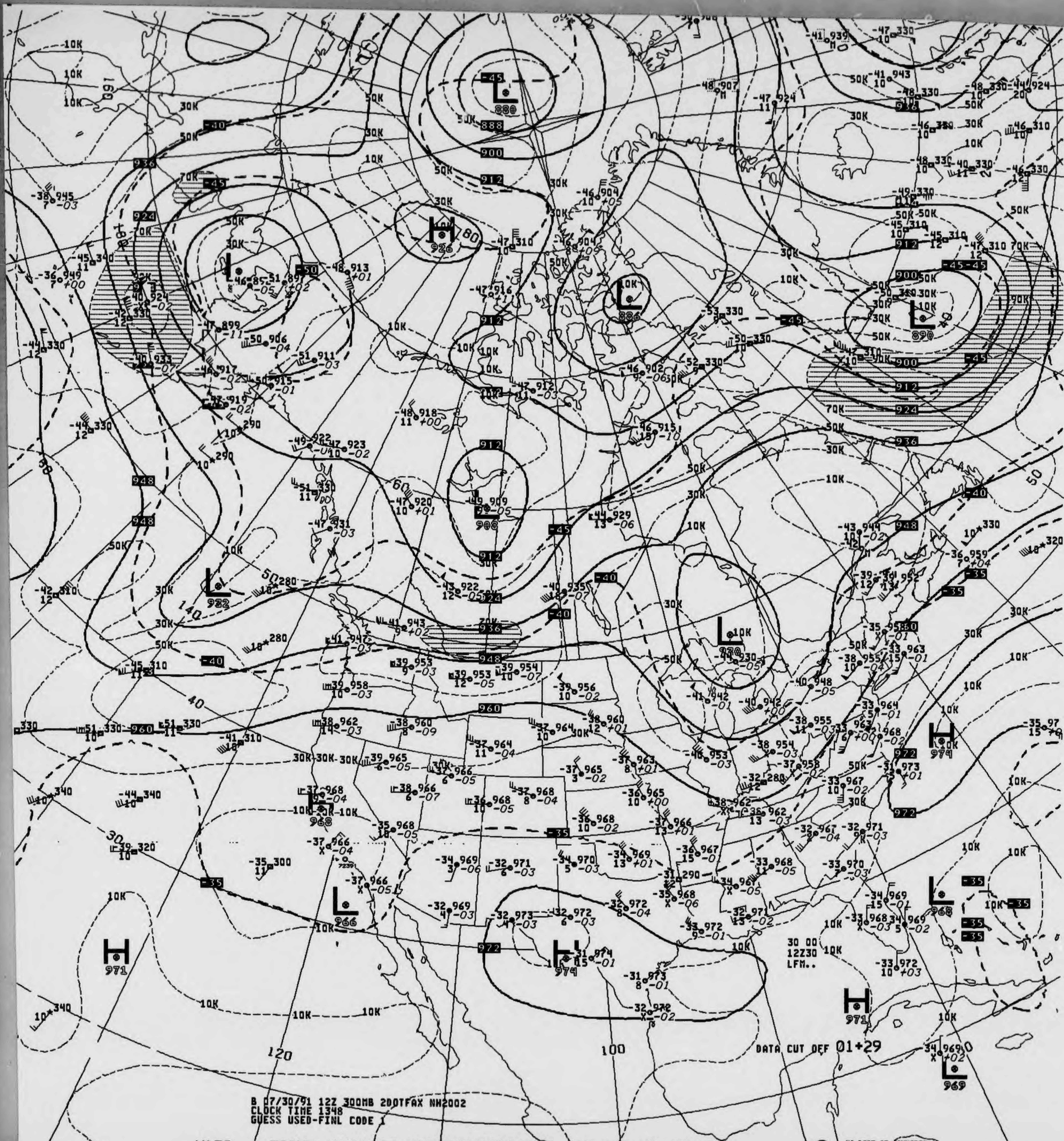

L 881
H 909
L 892
L 884
L 911
H 947
L 921
L 932
H 975
H 970
L 969
H 976
L 967
H 972
L 967
888
900
912
924
936
948
960
972
-45
-40
-35
-30
-50
10K
30K
50K
70K
90K
40
50
60
80
100
120
180

DATA CUT OFF 01+27

B 07/30/91 00Z 300MB 2DOTFAX NH2002
CLOCK TIME 143
GUESS USED-FINL CODE 1

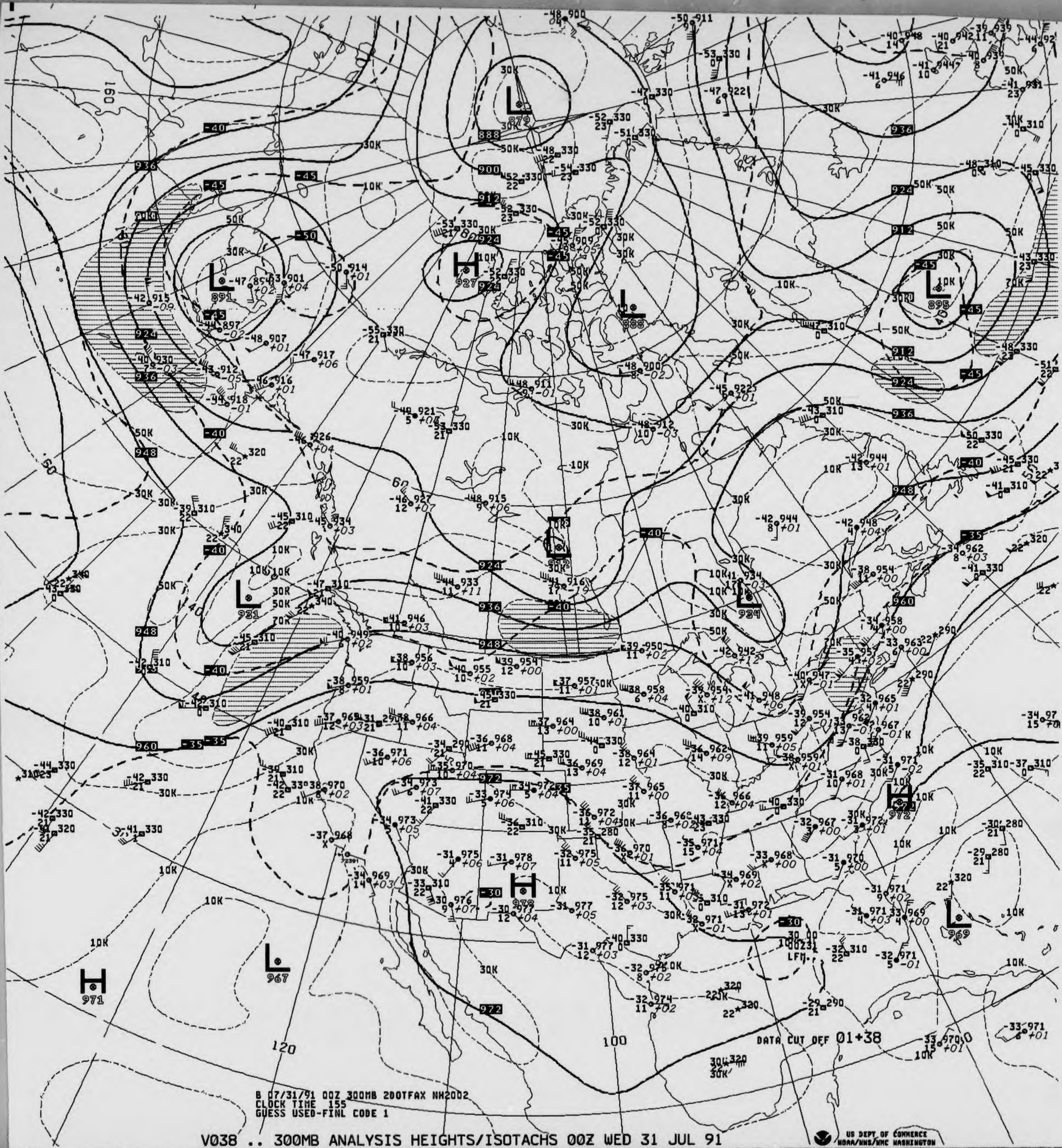
V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 30 JUL 91

US DEPT OF COMMERCE

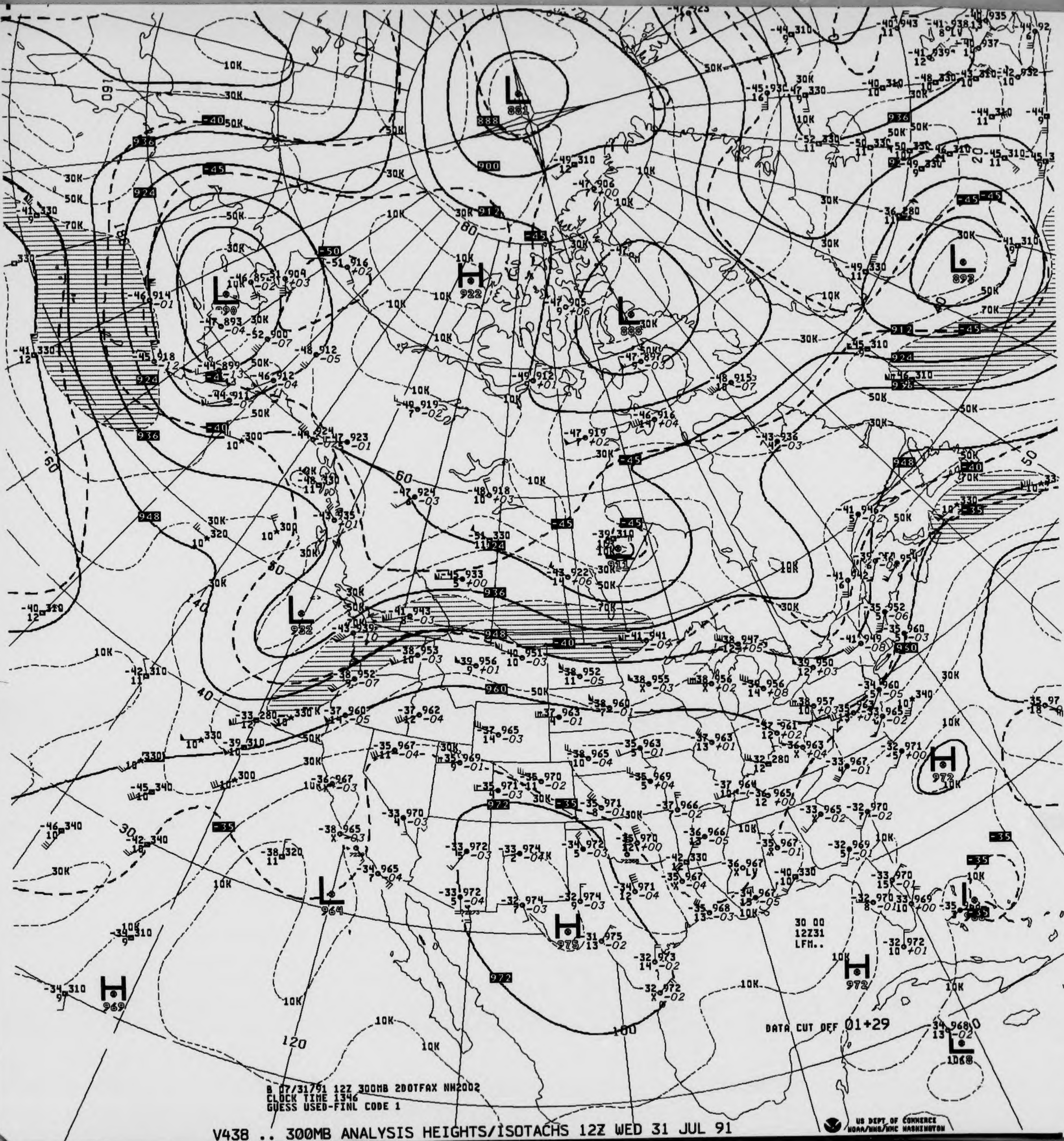

B 07/30/91 12Z 300MB 200TFAX NH2002
CLOCK TIME 1348
GUESS USED-FINL CODE 1
DATA CUT OFF 01+29
30 00
12Z30
LFM..
120
100
H
971
L
969
L
966
H
974
L
880
L
886
L
890
H
926
L
908
L
932
L
930
L
968

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 30 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/31/91 00Z 300MB 200TFAX NH2002
CLOCK TIME 155
GUESS USED-FINL CODE 1
DATA CUT OFF 01+38
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
160
120
100
60
L
891
L
879
H
927
L
888
L
895
L
931
L
934
H
972
H
978
L
969
L
967
H
971

V038 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 31 JUL 91



L
881
888
900
912
H
922
L
890
L
888
L
892
L
932
936
948
960
972
H
972
L
964
H
975
H
972
H
969
L
1068
10K
30K
50K
70K
-40
-45
-50
-35
30 00
12Z31
LFM..
DATA CUT OFF 01+29
B 07/31/91 12Z 300MB 2DOTFAX NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1

V438 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 31 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

(Rev. 8-83)

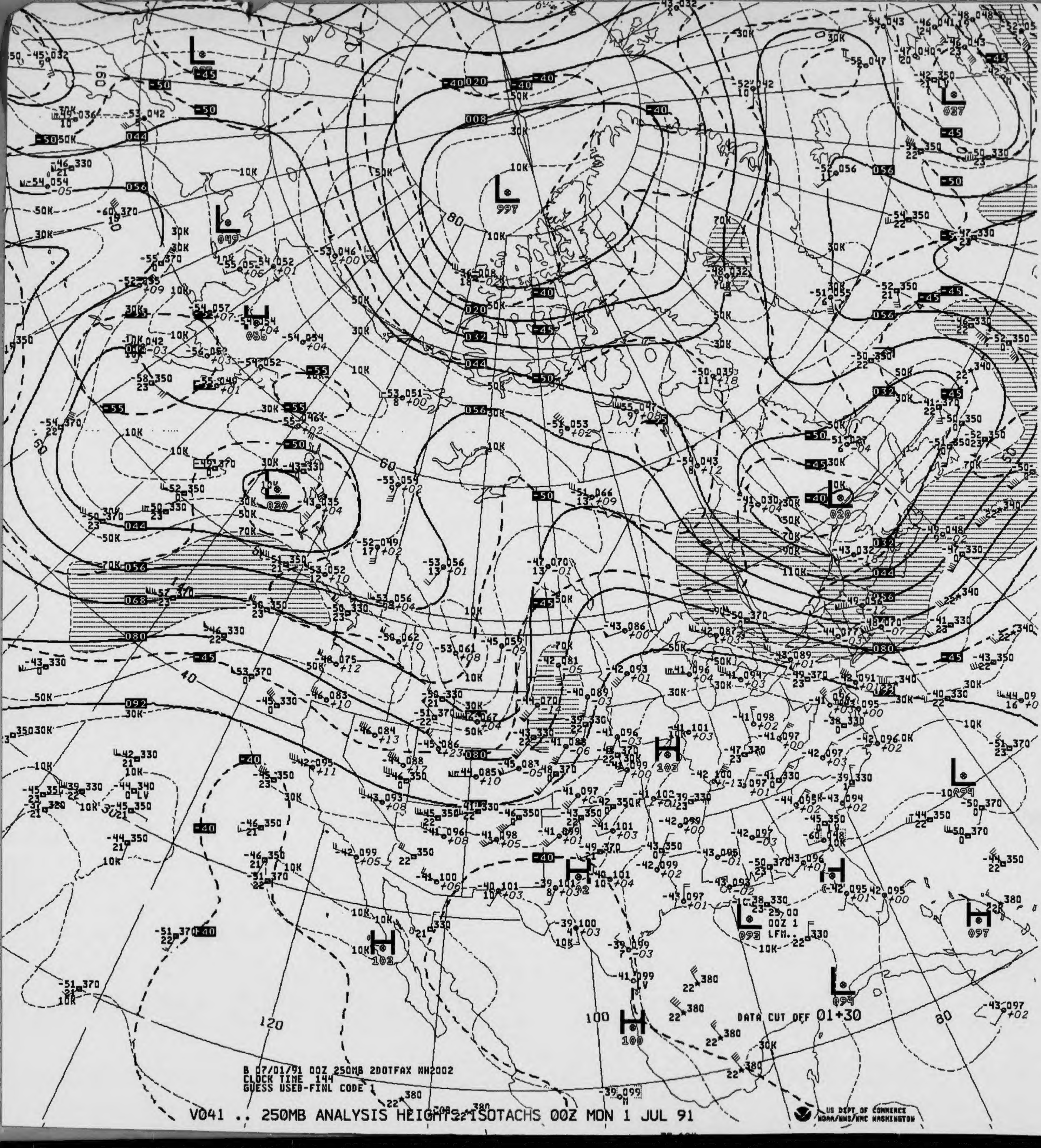
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information
National Climatic Data Center

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

250 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING

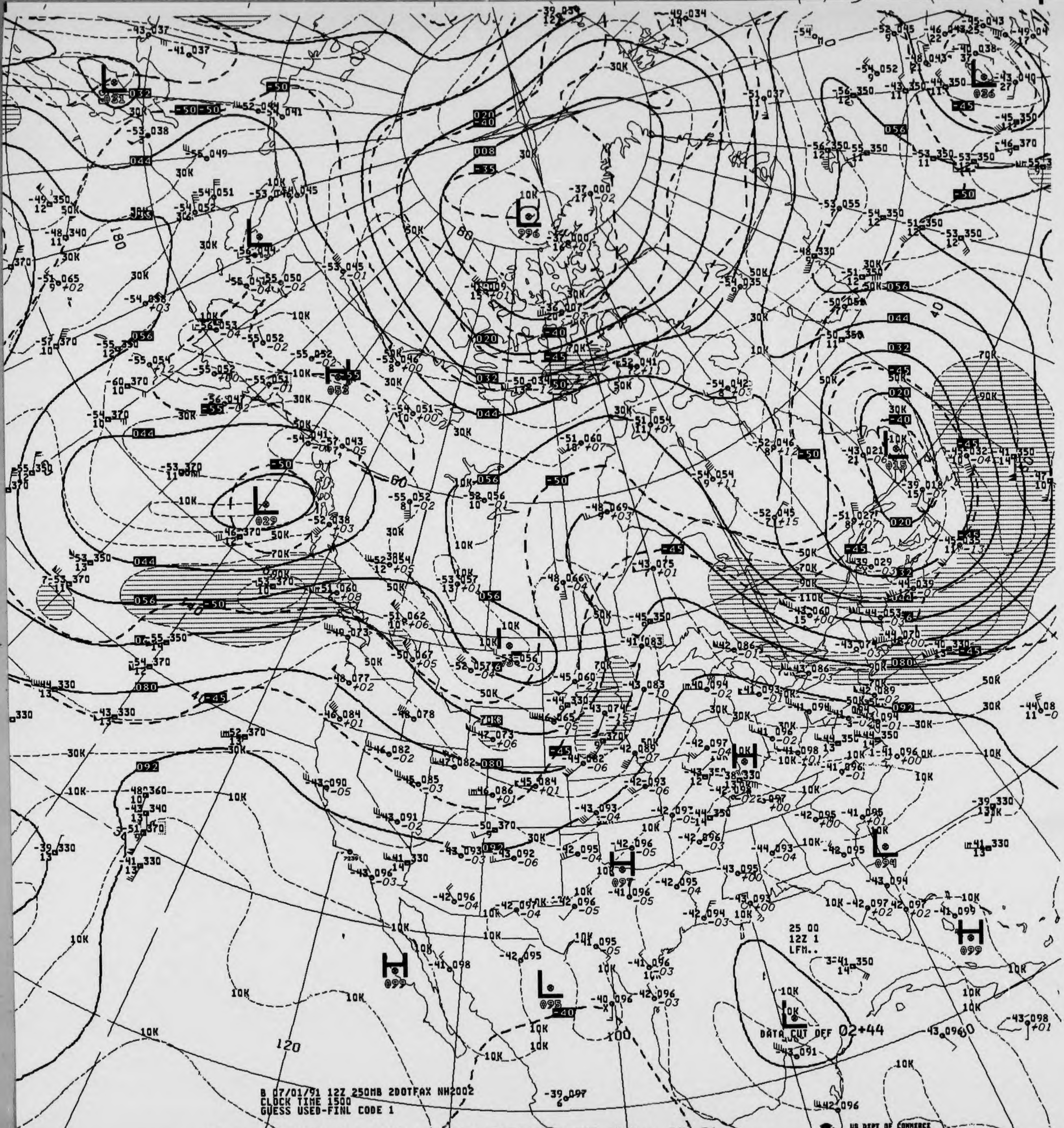


B 07/01/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 144
GUESS USED-FINL CODE 1

DATA CUT OFF 01+30

V041 .. 250MB ANALYSIS HEIGHTS-ISOTACHS 00Z MON 1 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

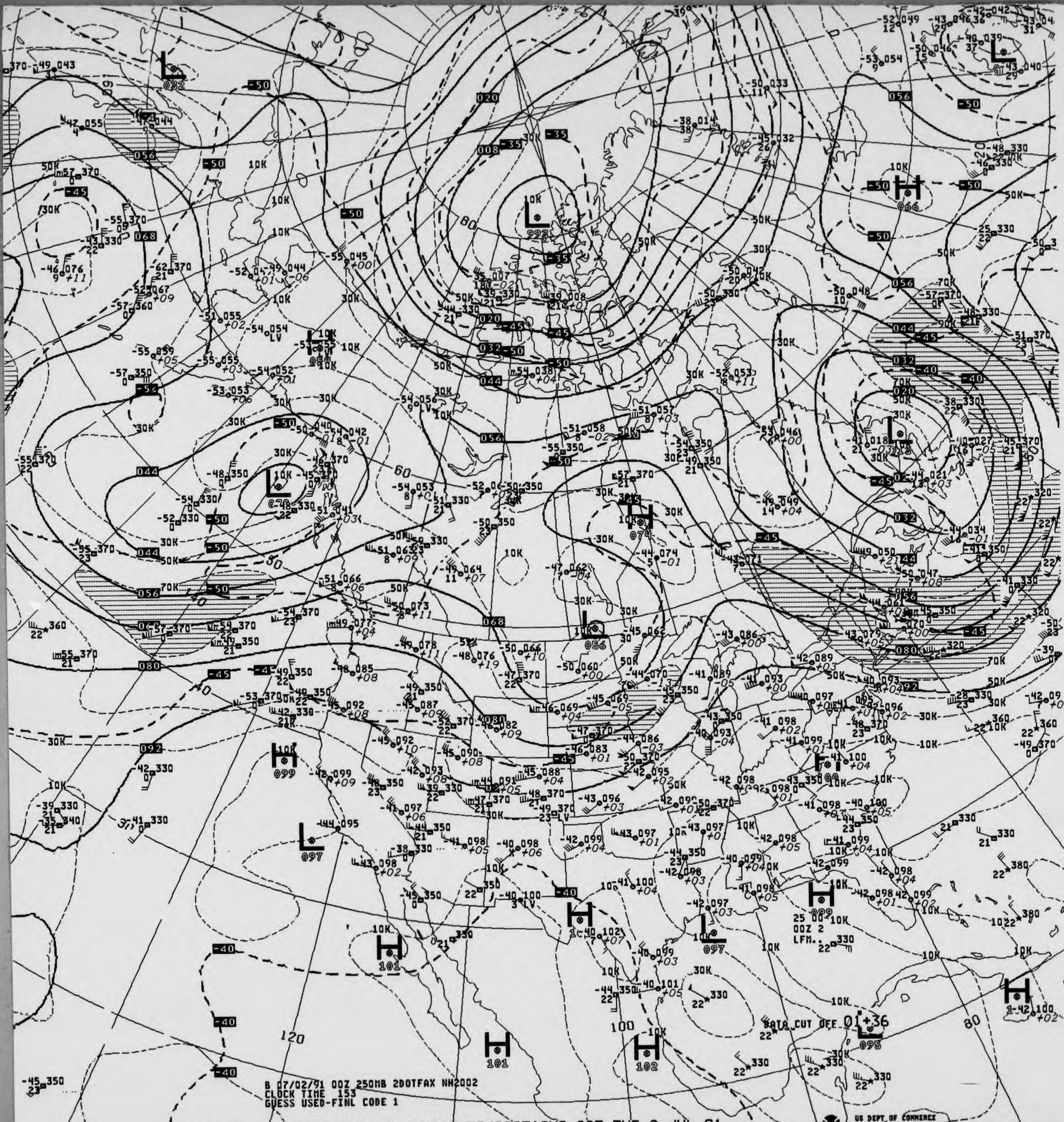


B 07/01/91 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1500
GUESS USED-FINL CODE 1

25 00
12Z 1
LFM..
DATA CUT OFF 02+44
180
120
100
60
40
80

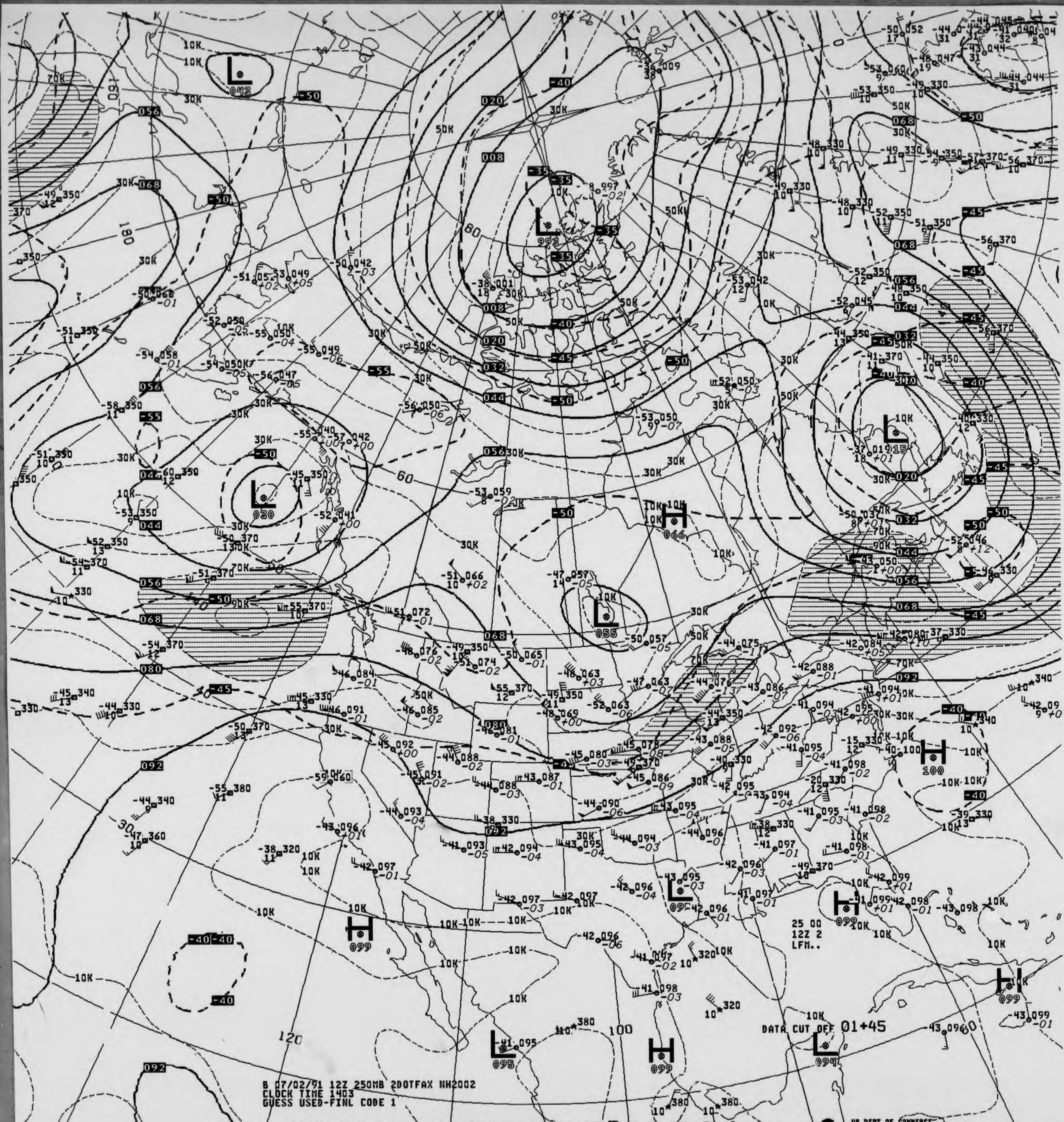
V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 1 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

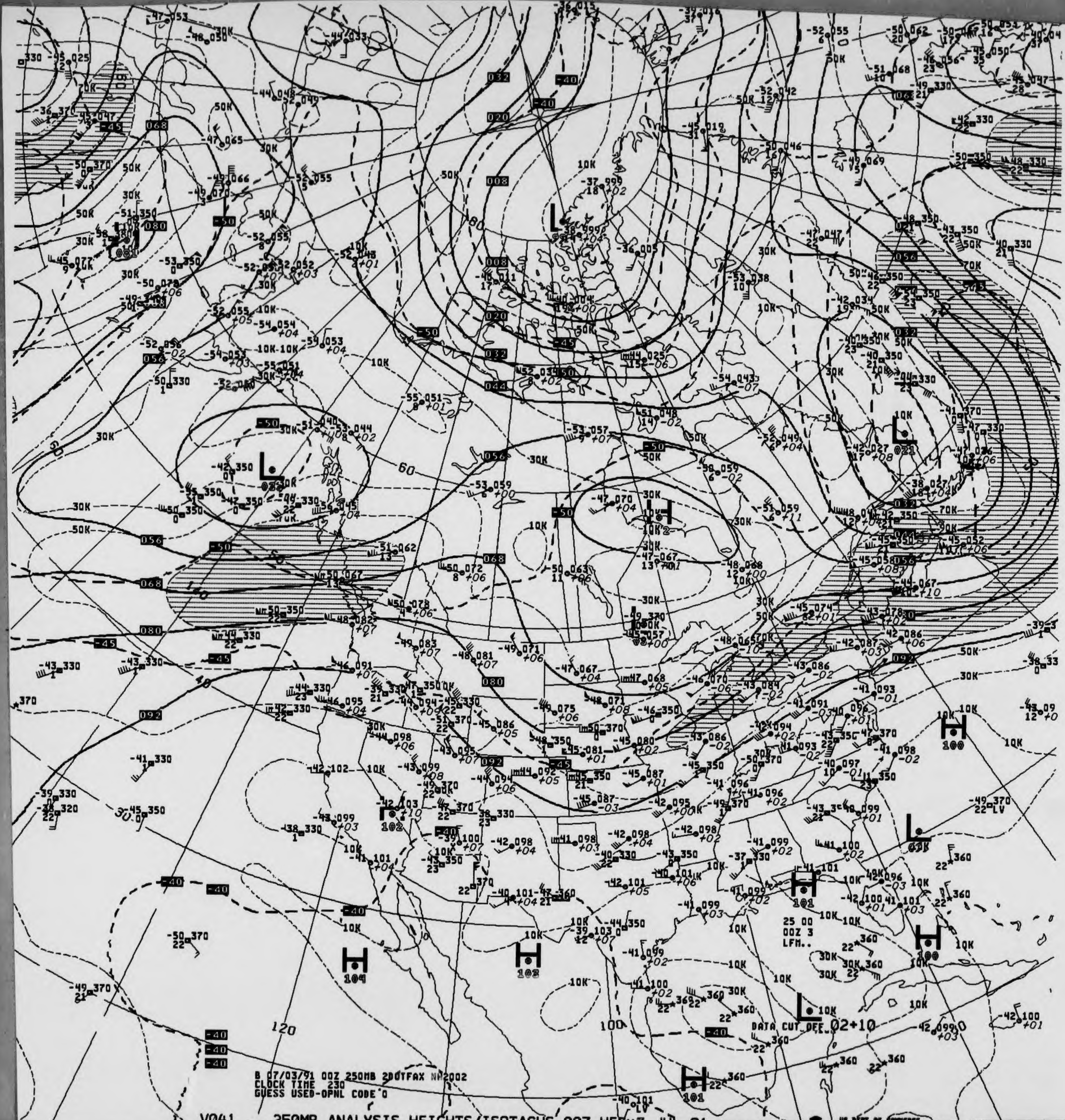

B 07/02/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 153
GUESS USED-FINL CODE 1
DATA CUT OFF
25 00
00Z 2
LFM..

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 2 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

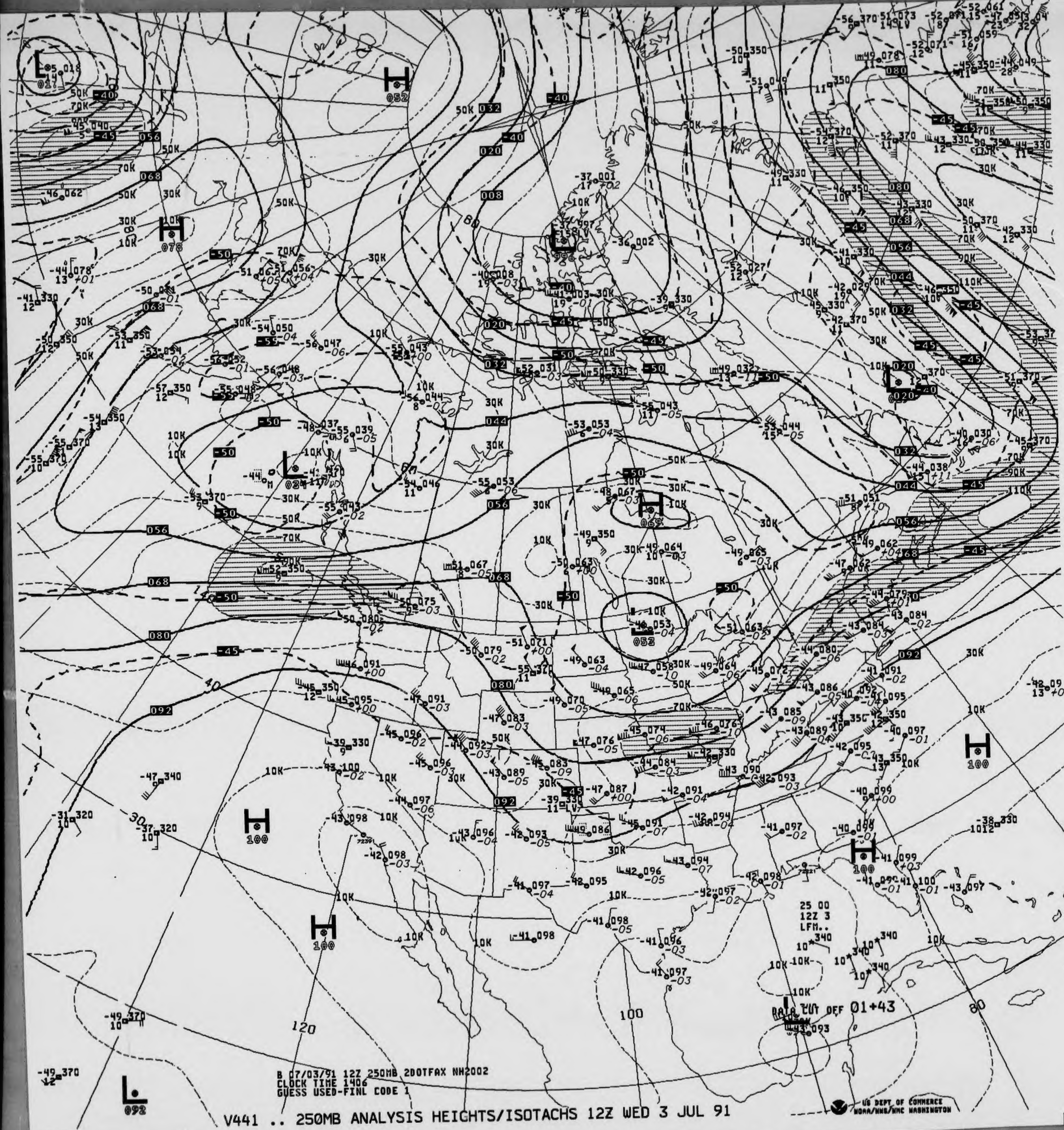

B 07/02/91 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1403
GUESS USED-FINL CODE 1
DATA CUT OFF 01+45
25 00
12Z 2
LFM..
L
042
L
992
L
030
L
015
H
066
L
055
H
100
H
099
L
095
L
094
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 2 JUL 91


DATA CUT OFF 02+10
25 00
00Z 3
LFM..
032
020
008
-40
-45
-50
044
056
068
080
092
060
120
100
60
40
30
10K
30K
50K
70K
L
H
101
102
104
100
US DEPT OF COMMERCE

B 07/03/91 00Z 250MB 200TFAX NH2002
CLOCK TIME 230
GUESS USED-OPNL CODE 0

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 3 JUL 91

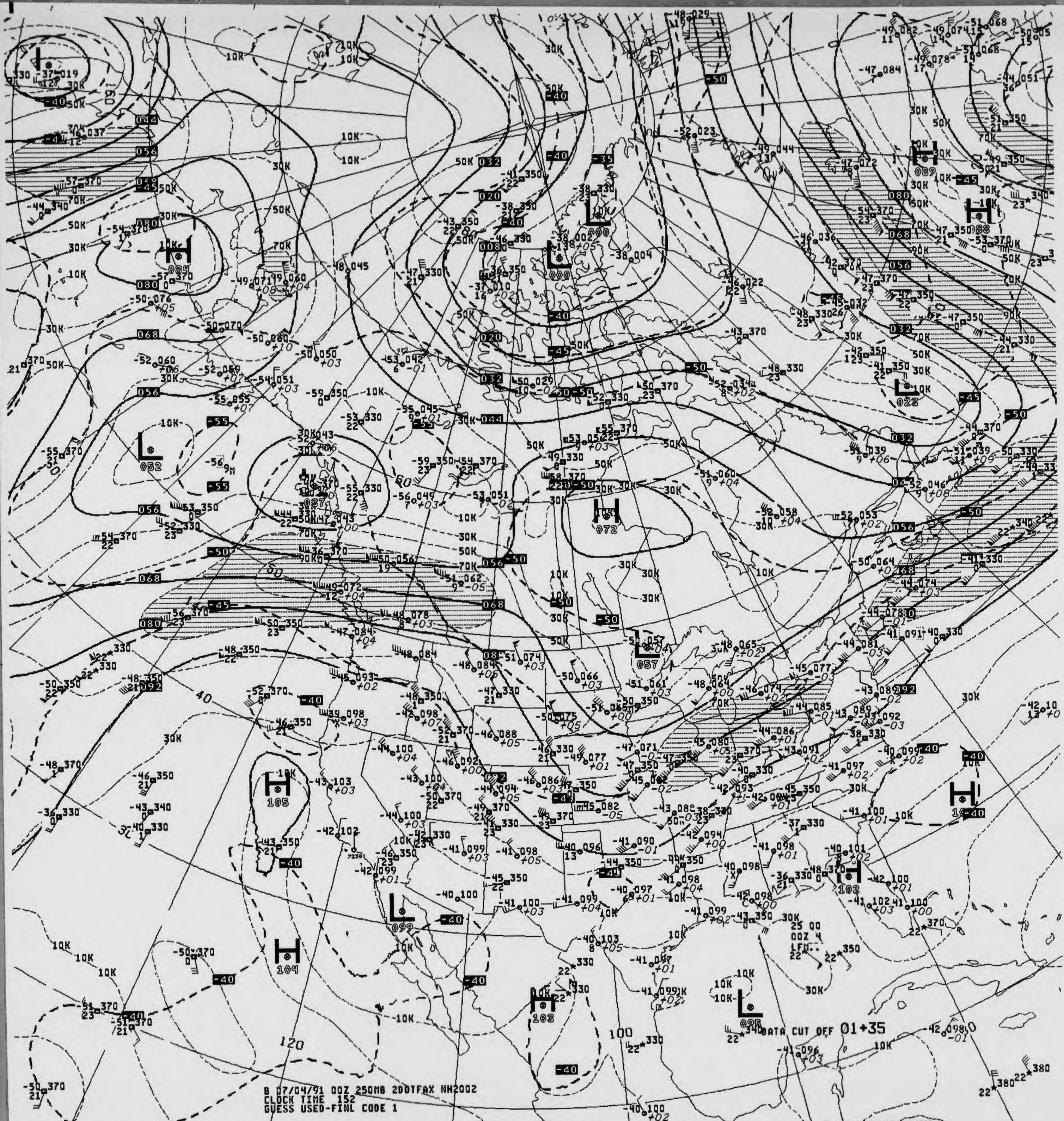


H
052
H
078
L
996
L
020
L
024
H
065
L
052
H
100
H
100
H
100
H
100
L
092
120
100
80
40
30
RAOB CUT OFF 01+43
25 00
12Z 3
LFM..

B 07/03/91 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1406
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 3 JUL 91

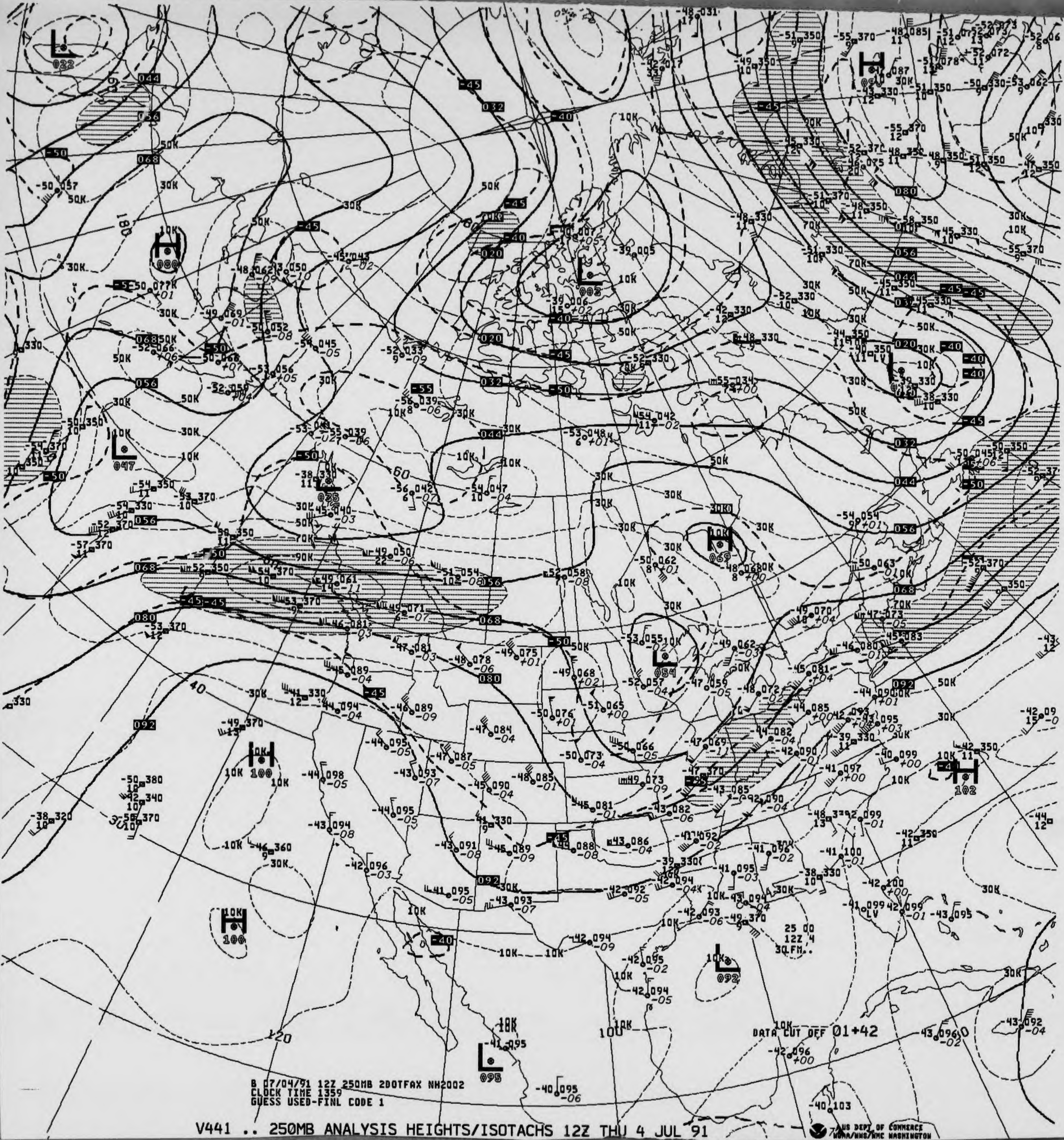
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/04/91 00Z 250MB 200TFAX NH2002
CLOCK TIME 152
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 4 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



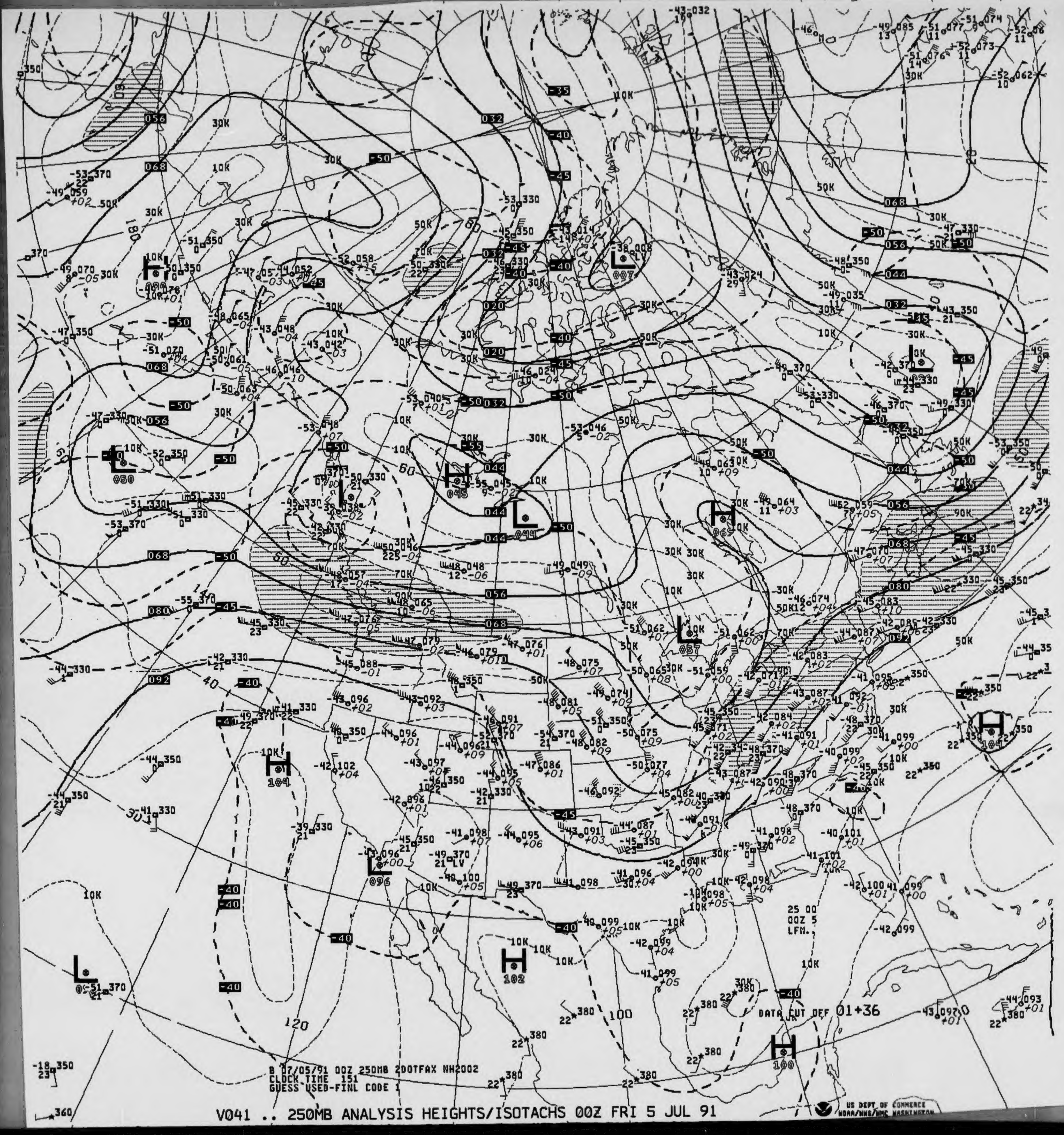
B 07/04/91 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1

DATA CUT OFF 01+42

25 00
12Z 4
30 FM..

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 4 JUL 91

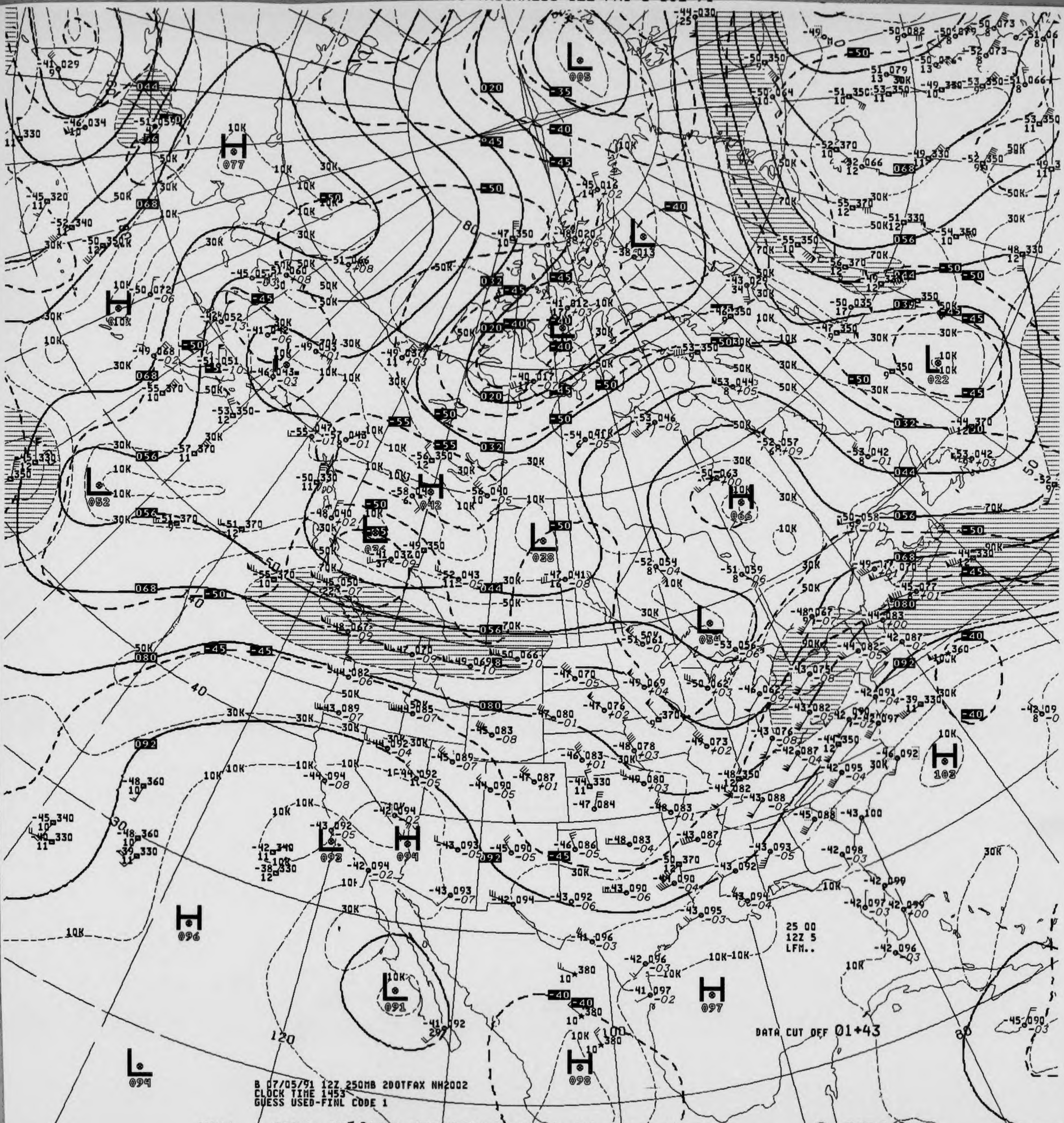


DATA CUT OFF 01+36
25 00
00Z 5
LFM.

B 07/05/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 151
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 5 JUL 91

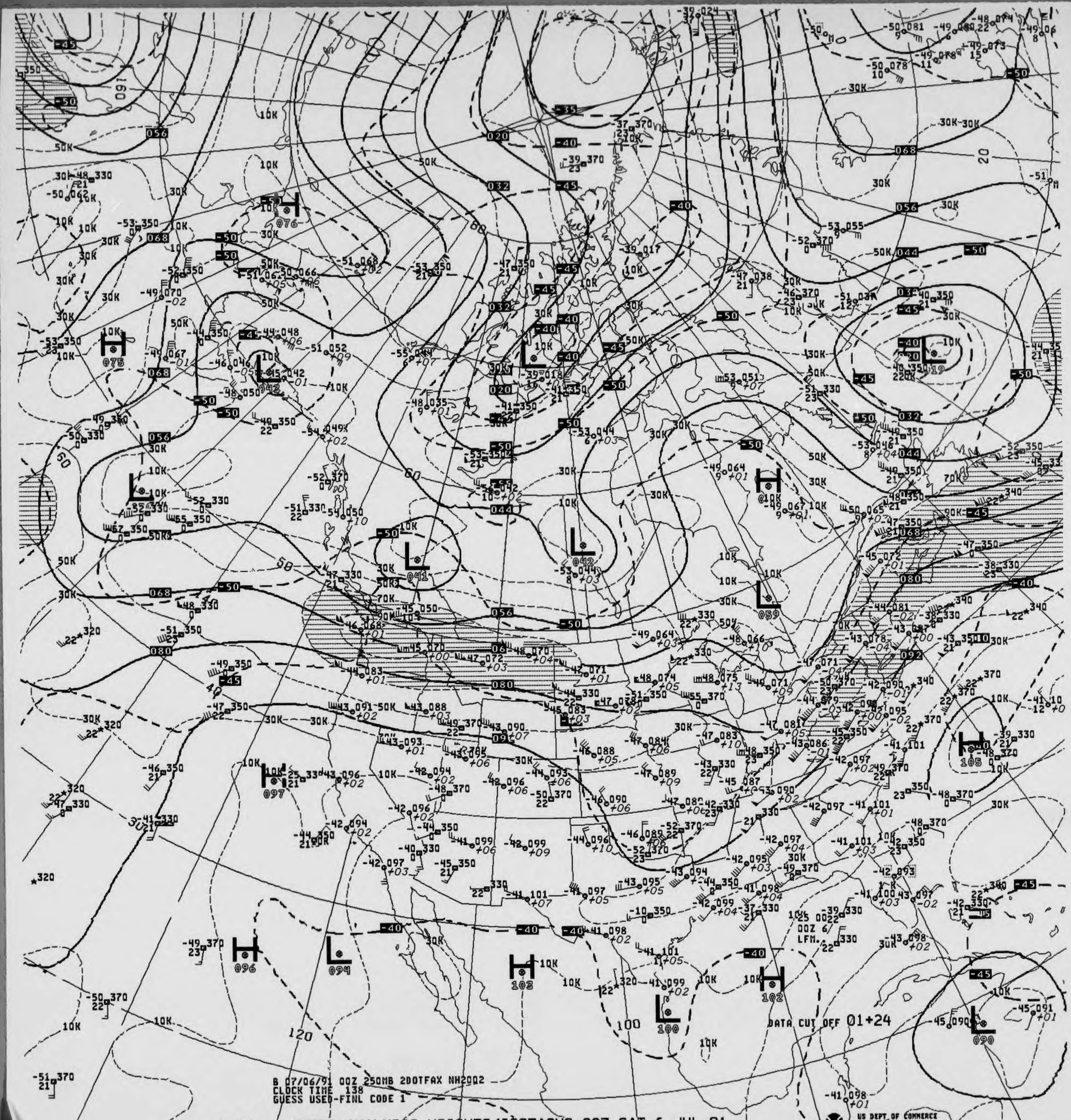
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 005
H 077
L 013
L 022
L 052
H 042
L 038
H 066
L 054
H 103
L 092
H 094
H 096
L 091
H 097
H 098
L 094
25 00
12Z 5
LFM..
DATA CUT OFF 01+43

B 07/05/91 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1453
GUESS USED-FINL CODE 1

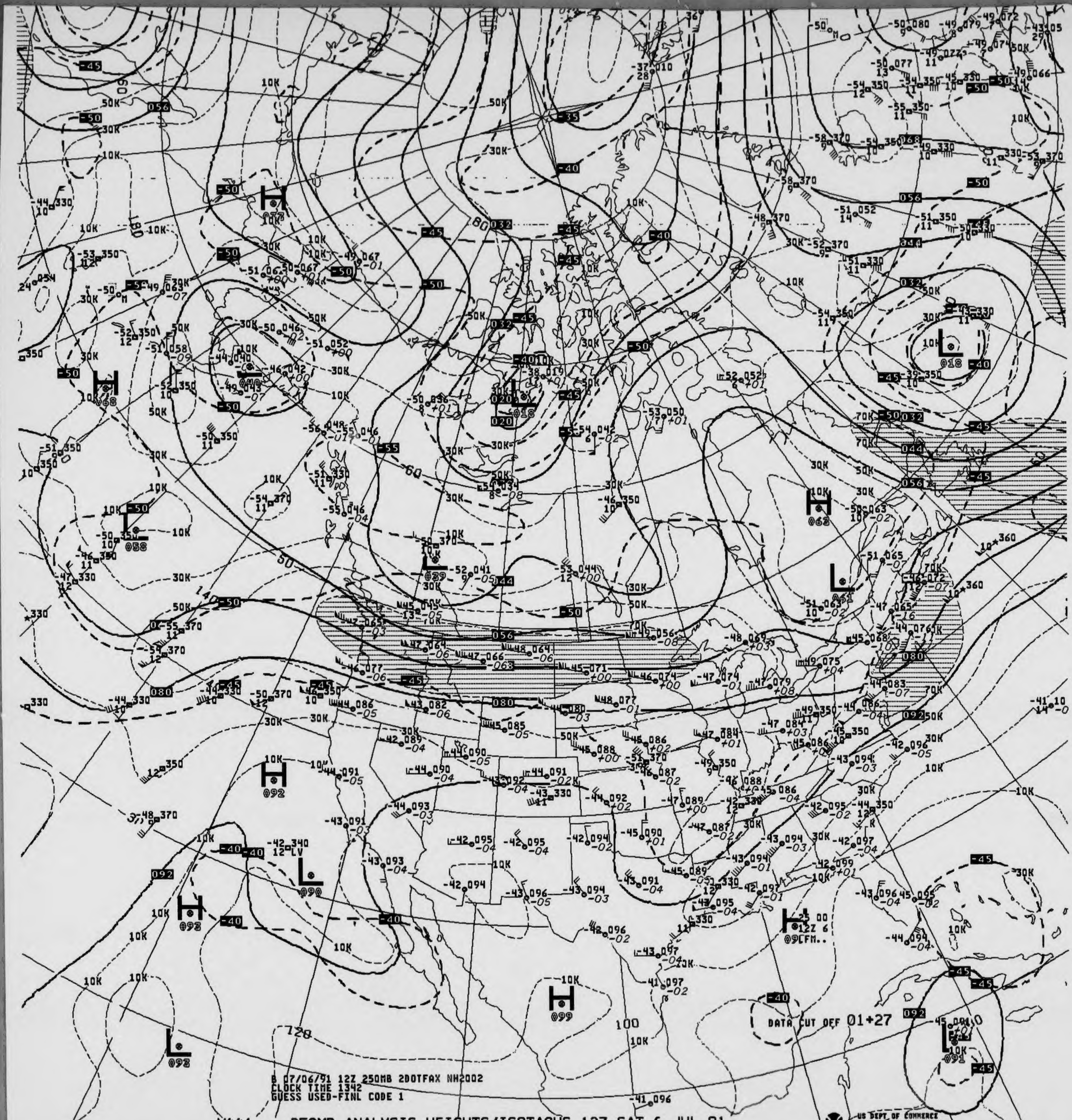
V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 5 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

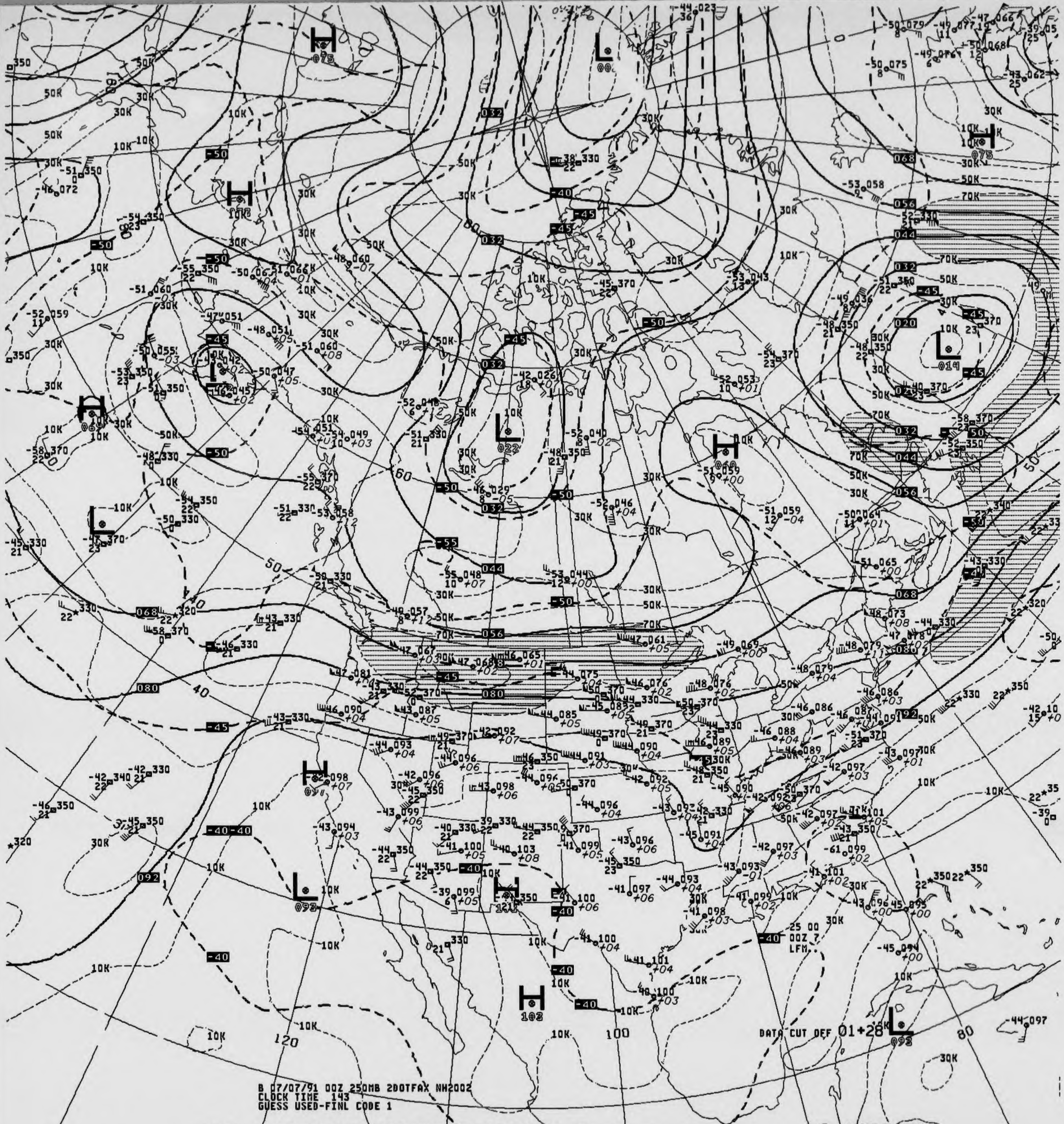

B 07/06/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 138
GUESS USED-FINL CODE 1
DATA CUT OFF 01+24

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 6 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

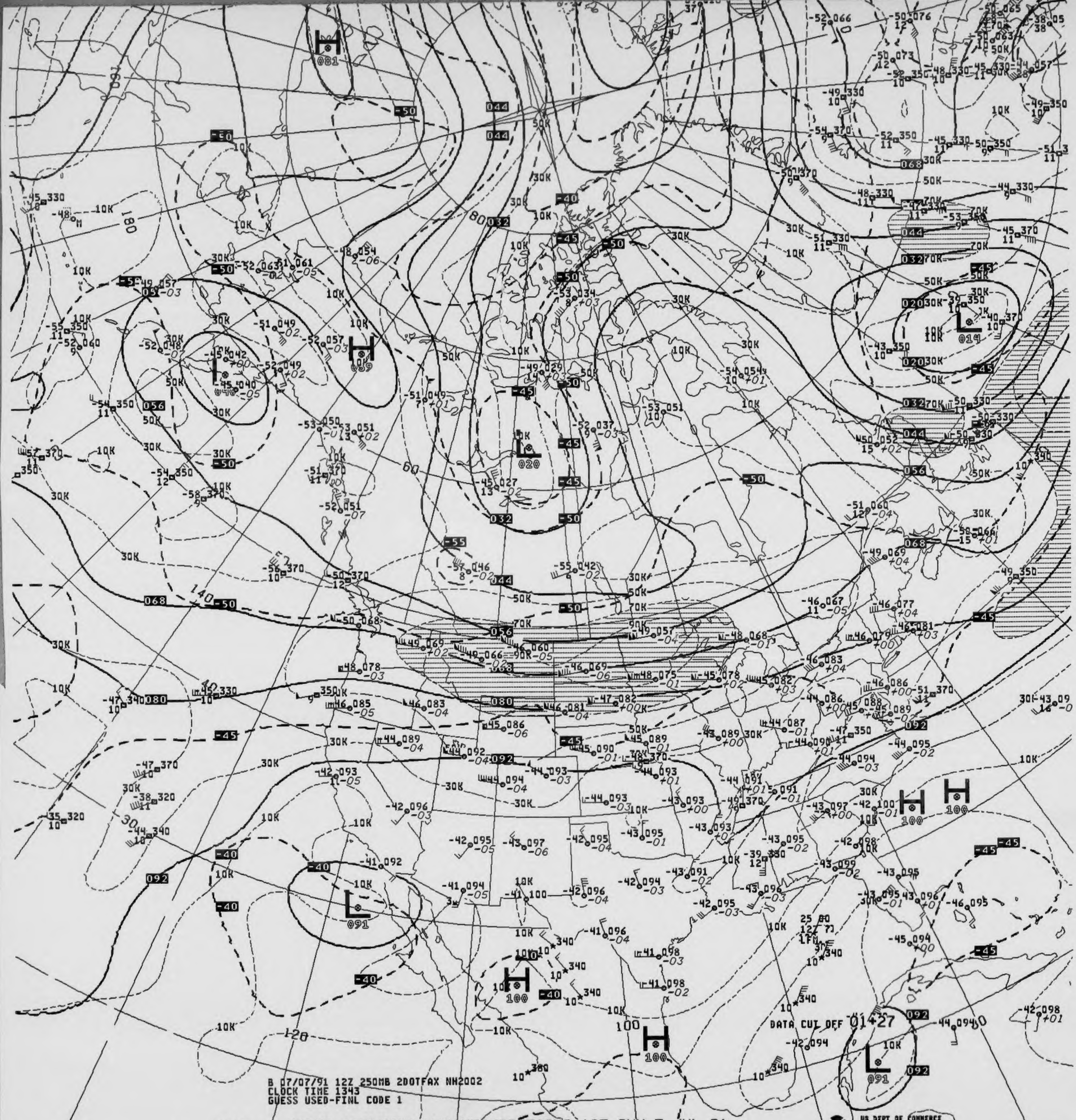

B 07/06/91 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1342
GUESS USED-FINL CODE 1
DATA CUT OFF 01+27
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 6 JUL 91


B 07/07/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 143
GUESS USED-FINL CODE 1
DATA CUT OFF 01+28
25 00
00Z 7
LFM..
H
L
10K
30K
50K
70K
40
50
60
80
100
120

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 7 JUL 91

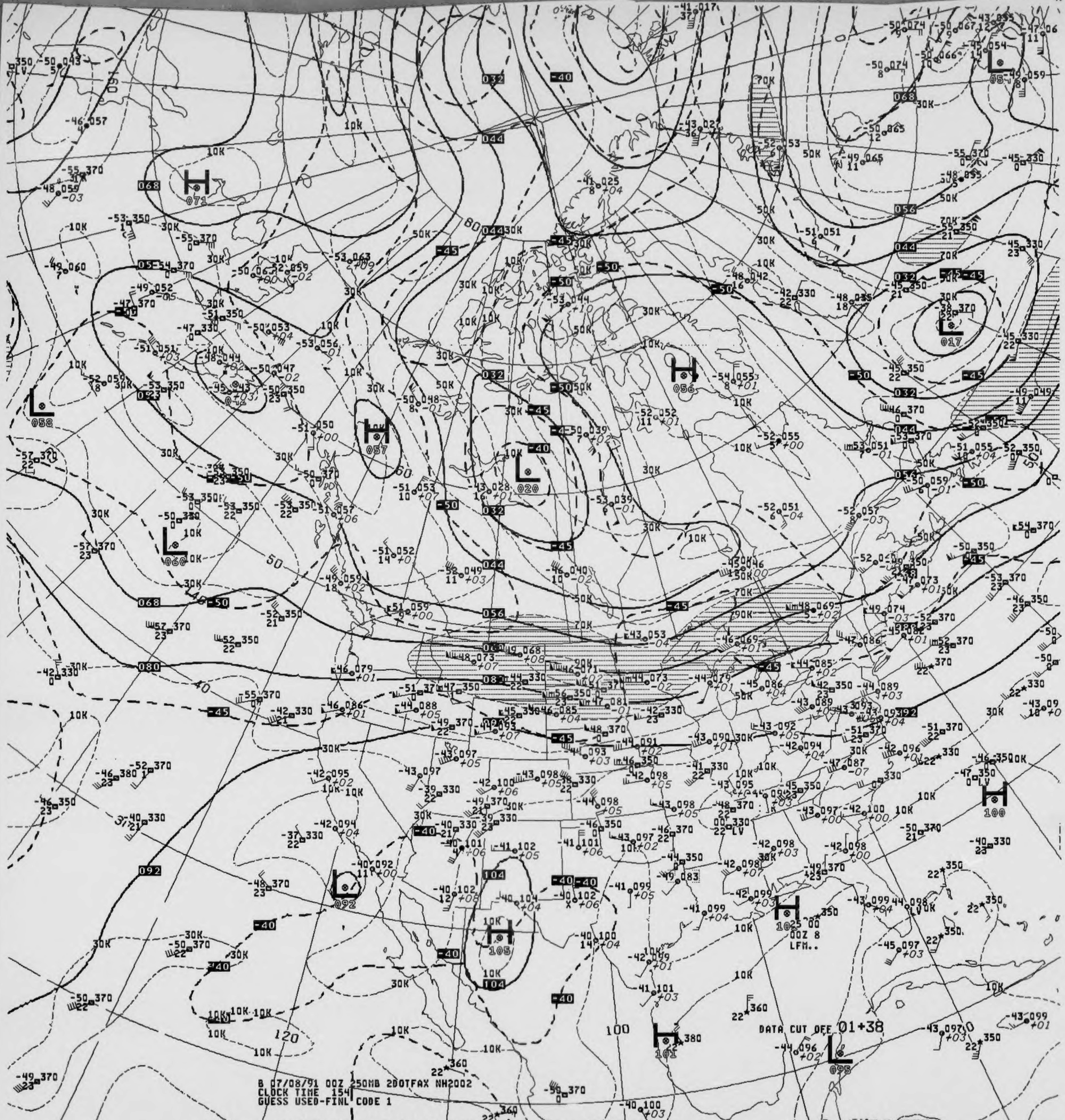
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/07/91 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1343
GUESS USED-FINL CODE 1

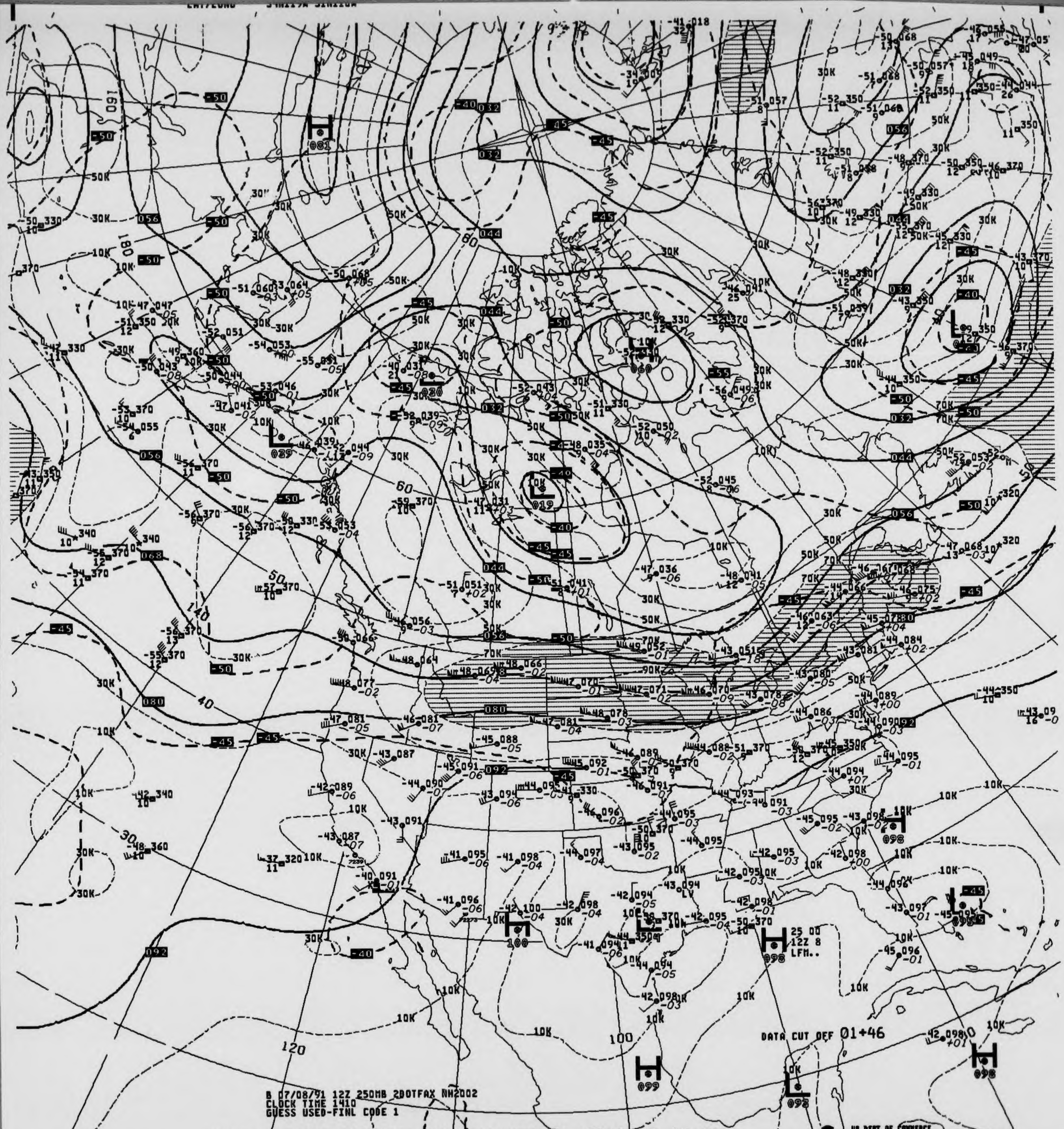
V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 7 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/08/91 00Z 250MB 2D0TFAX NH2002
CLOCK TIME 154
GUESS USED-FINL CODE 1
DATA CUT OFF 01+38
1025 00
00Z 8
LFM..

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 8 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/08/91 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1410
GUESS USED-FINL CODE 1

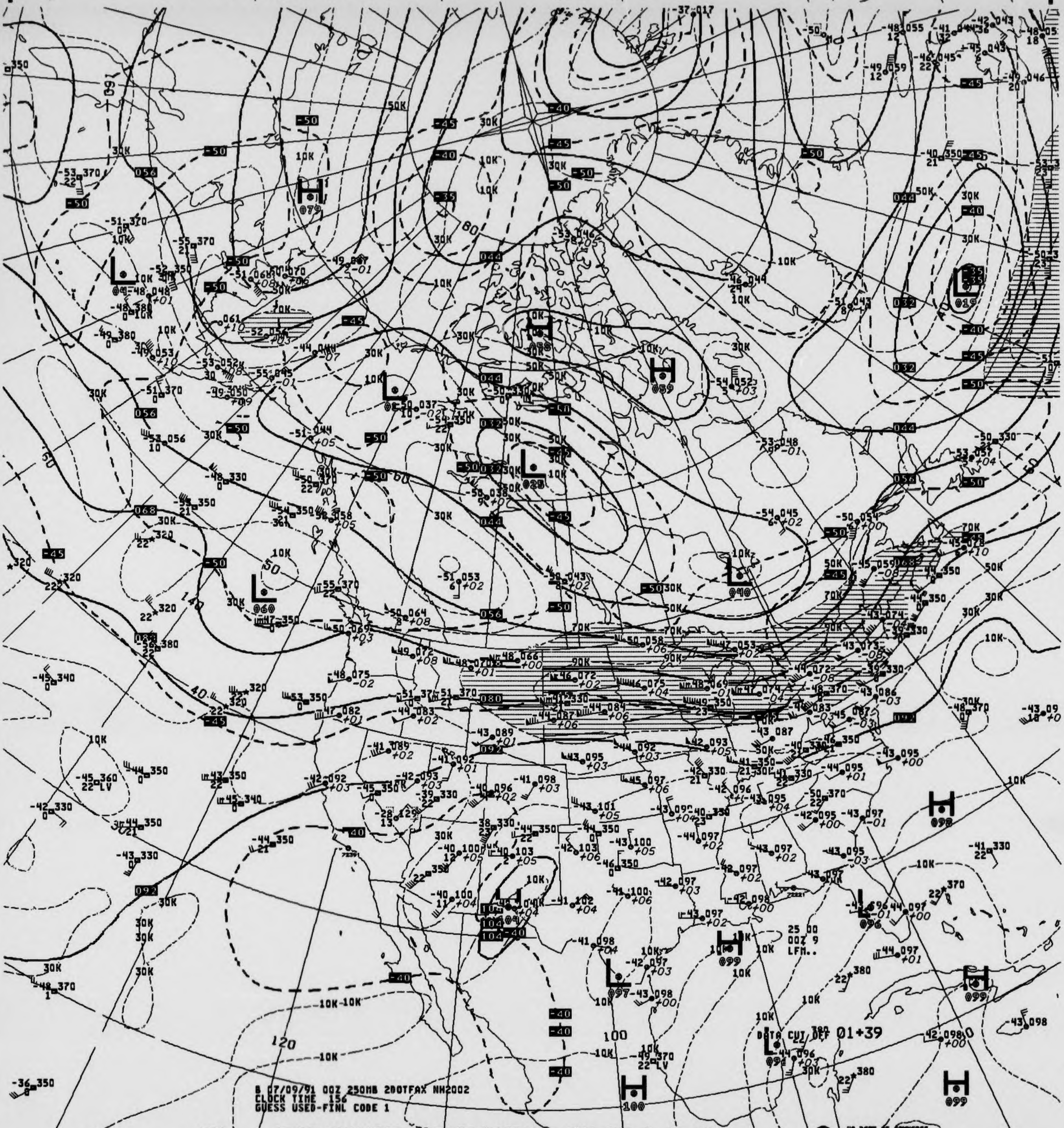
DATA CUT OFF 01+46

25 00
12Z 8
LFM..

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

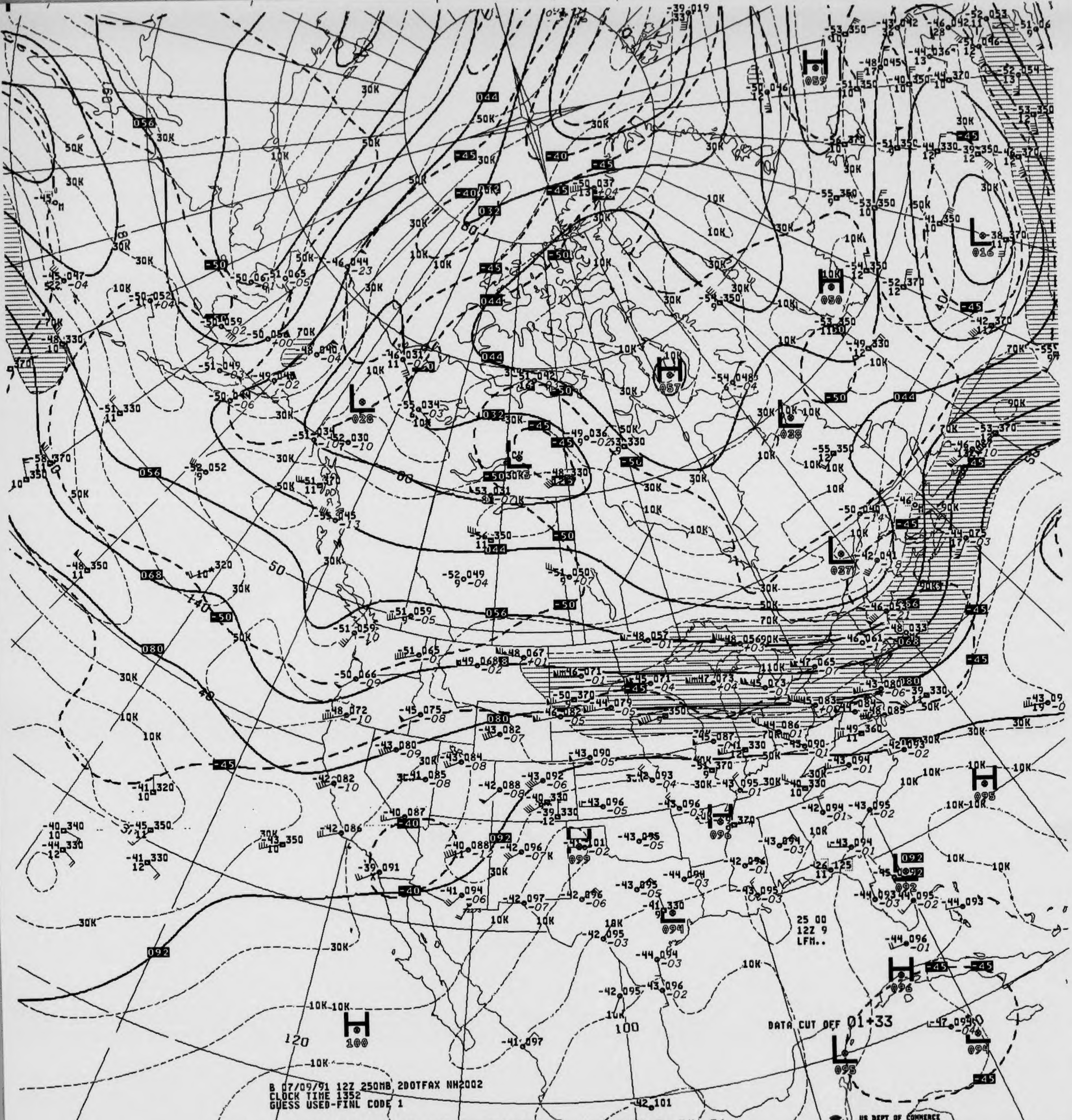
V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 8 JUL 91

LAT/LONG 30N086W 34N119W


B 07/09/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 156
GUESS USED-FINL CODE 1
DATA CUT OFF 01+39
25 00
00Z 9
LFM..

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 9 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



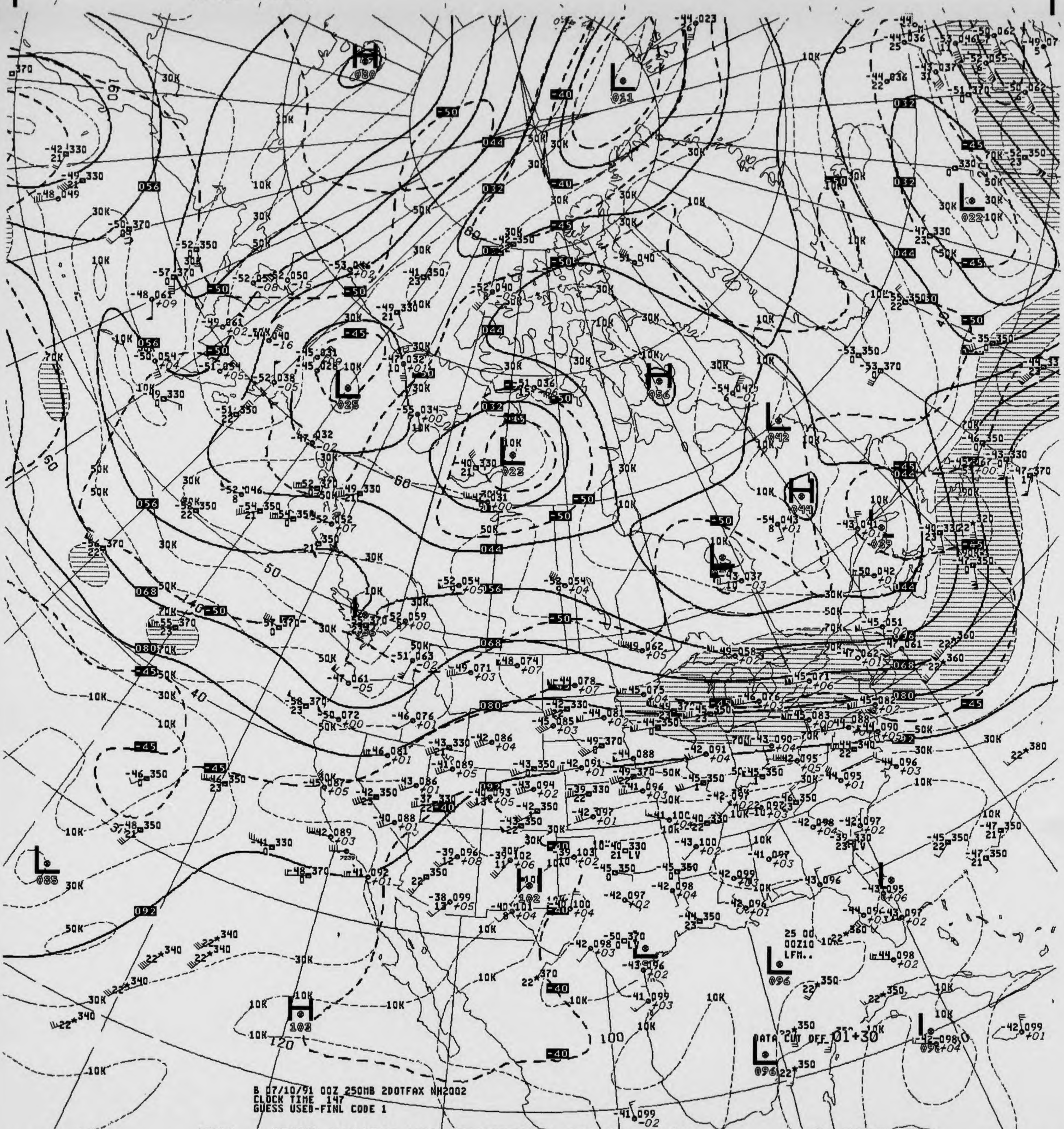
H 059
H 050
H 057
H 096
H 099
H 095
H 096
H 100
L 016
L 026
L 028
L 037
L 094
L 092
L 095
L 094
10K
30K
50K
70K
90K
110K
DATA CUT OFF 01+33
25 00
12Z 9
LFM..

B 07/09/91 12Z 250MB 20DTFAX NH2002
CLOCK TIME 1352
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 9 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

LAT/LONG 34N119W

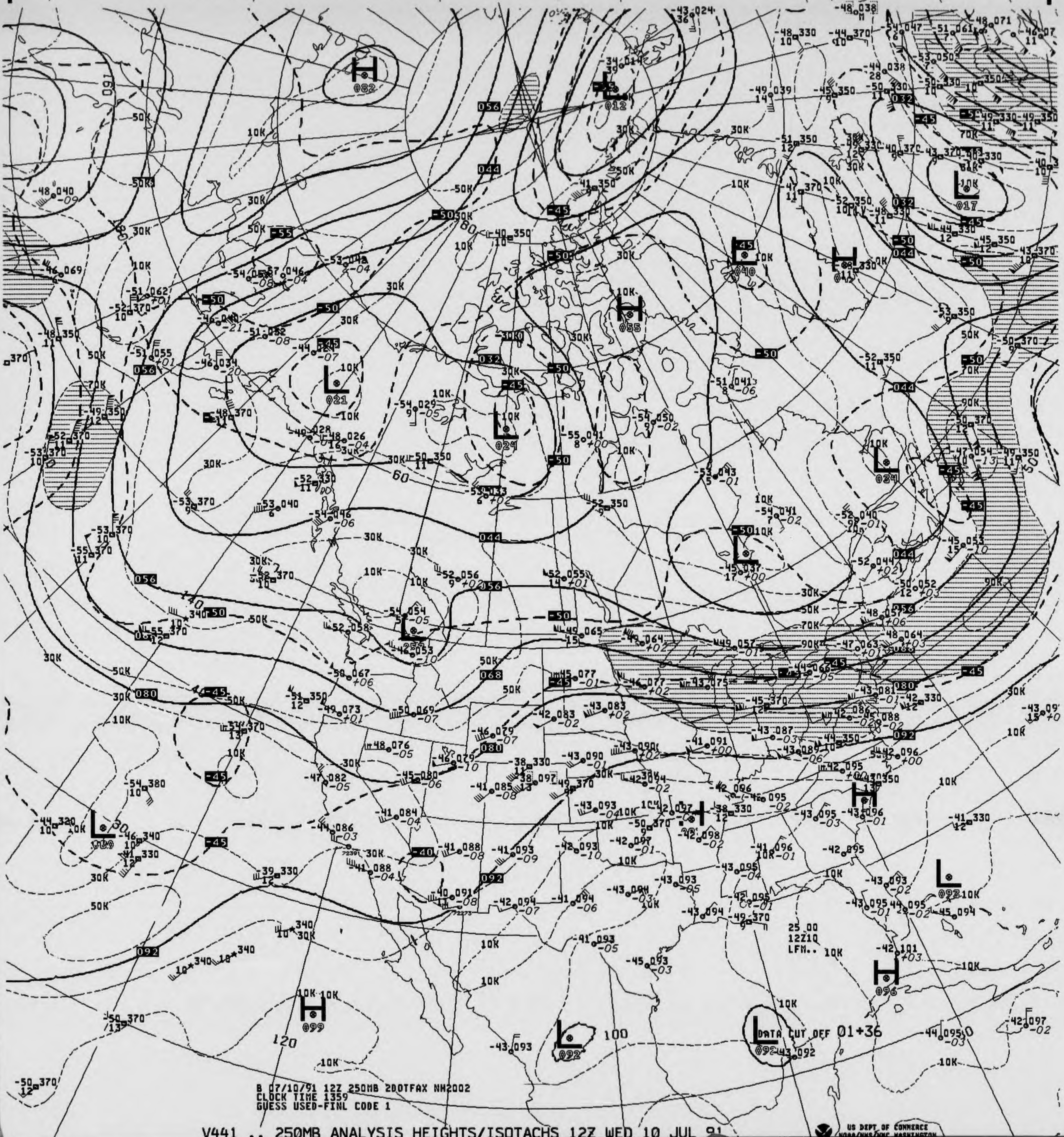

DATA CUT OFF 01+30
25 00
00Z10
LFM..
10K
30K
50K
70K
H
L

B 07/10/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 10 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

LAT/LONG 32N106W 34N119W 31N110W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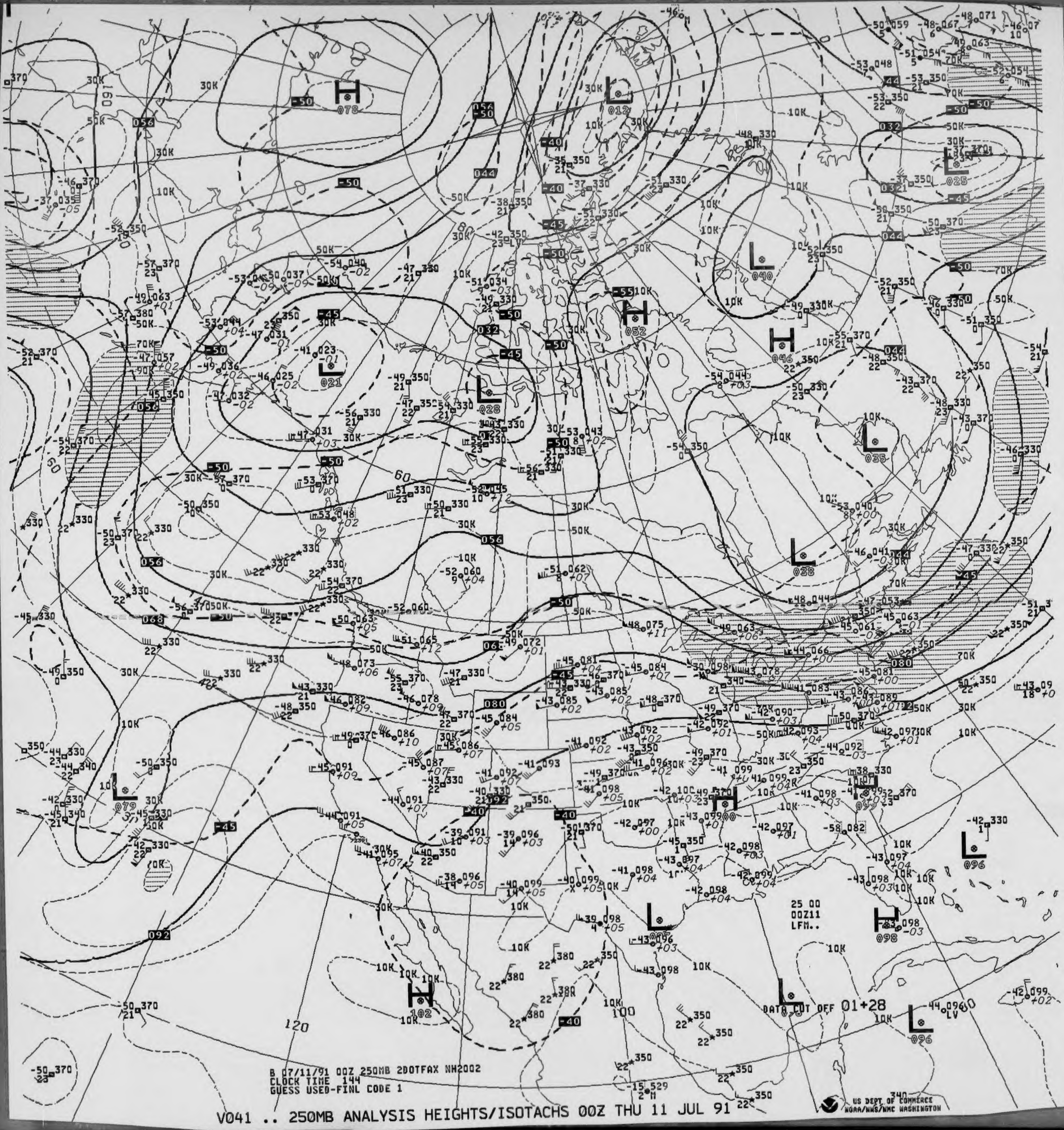
25.00
12Z10
LFM..
B 07/10/91 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1
H 082
H 055
H 099
H 096
L 021
L 024
L 017
L 034
L 092
100
120
140
80
60
10K
30K
50K
70K
90K
056
044
032
068
080
092
-45
-50
-55

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 10 JUL 91

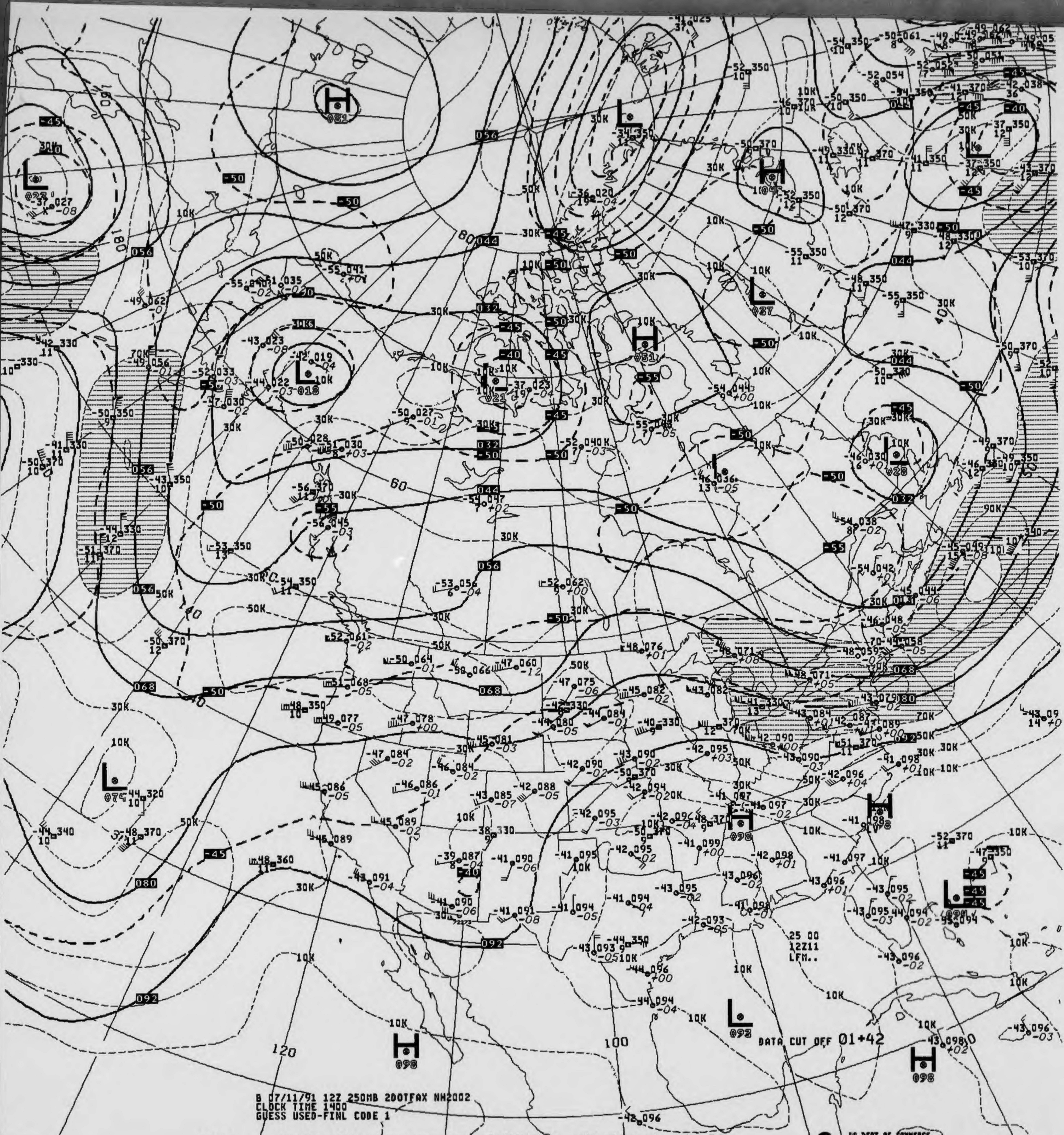
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


25 00
00Z11
LFM..
DATA CUT OFF 01+28

B 07/11/91 00Z 250MB 2D0TFAX NH2002
CLOCK TIME 144
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 11 JUL 91

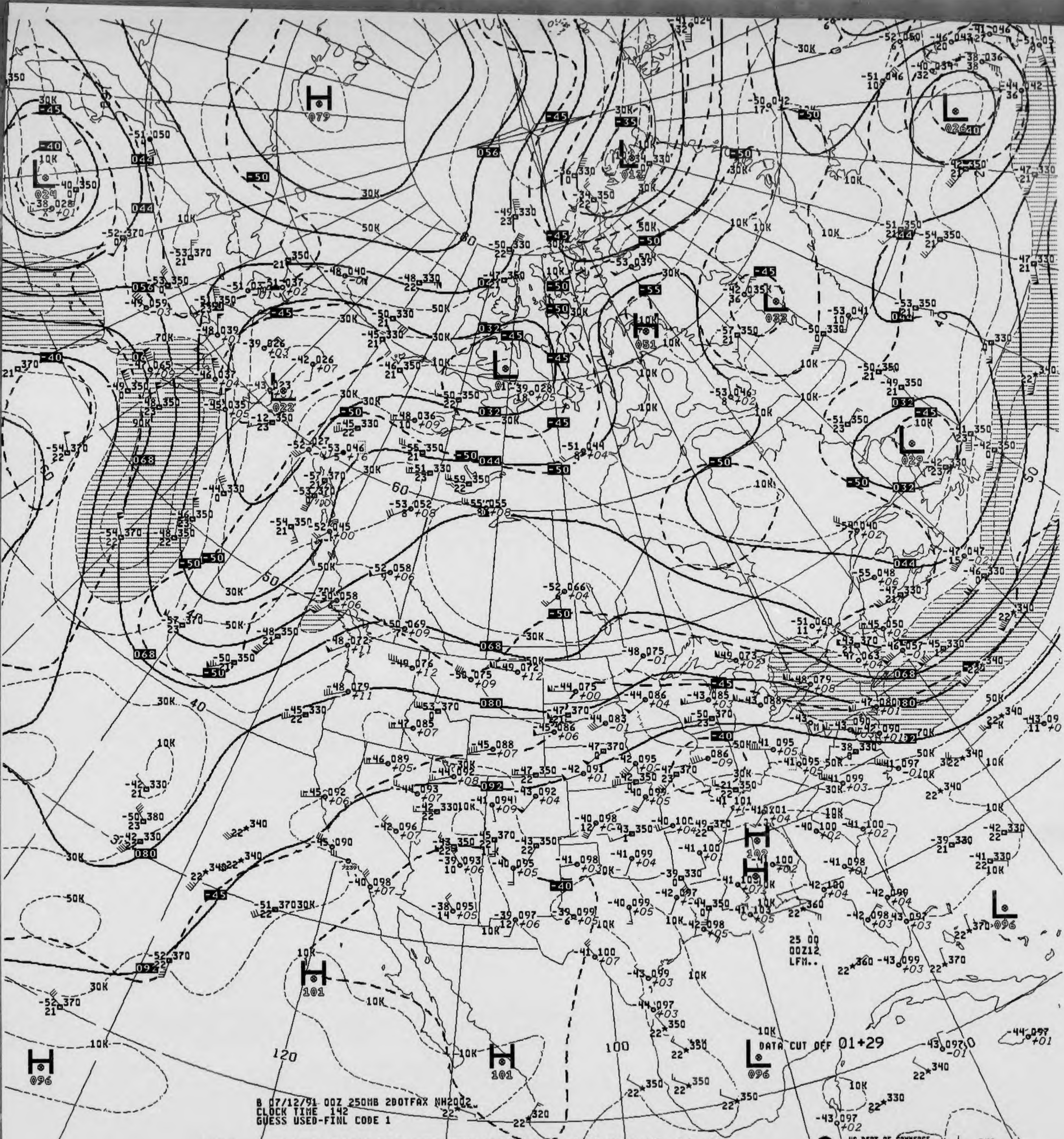
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+42
25 00
12Z11
LFM..
120
100

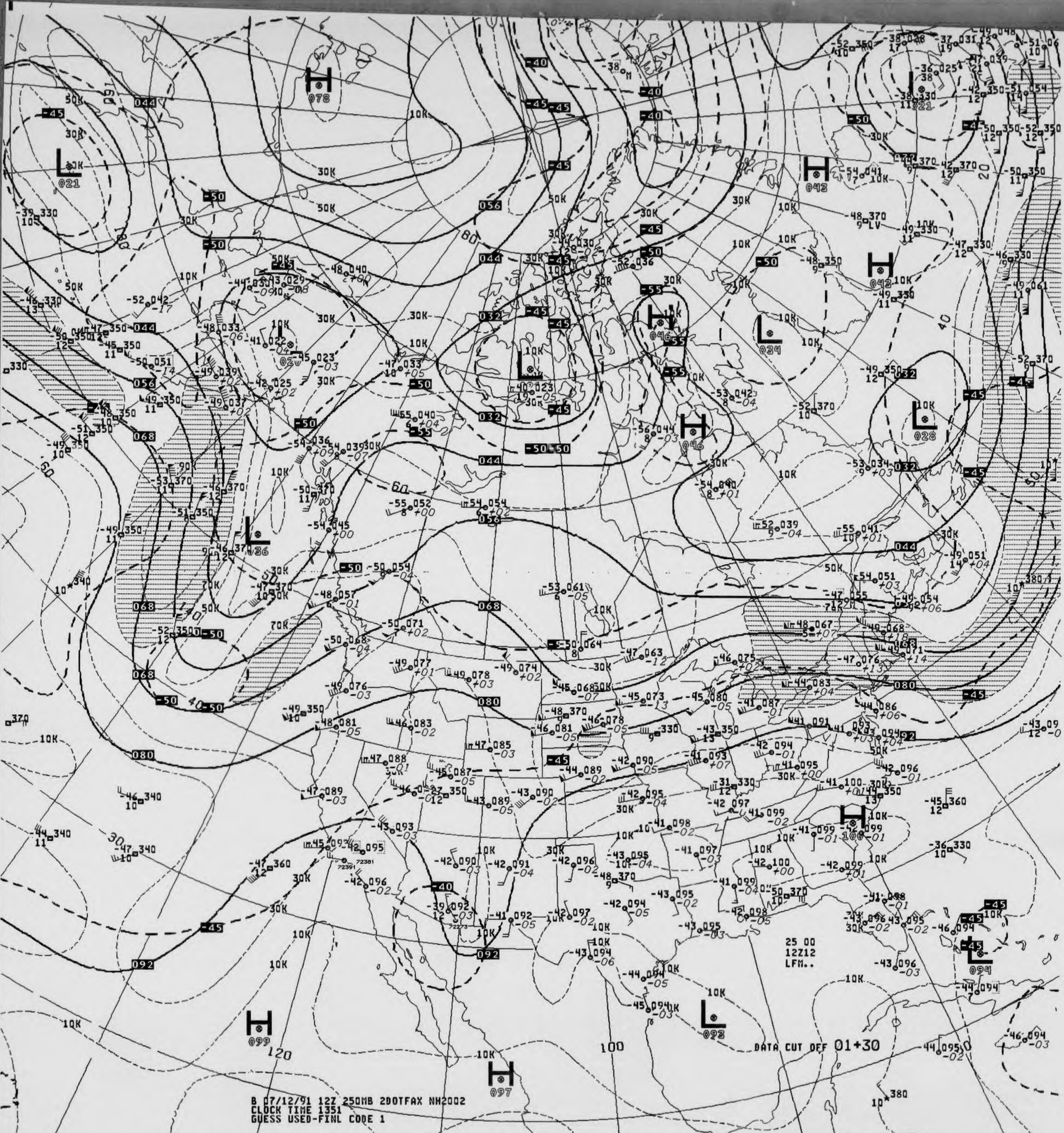
B 07/11/91 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1400
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 11 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

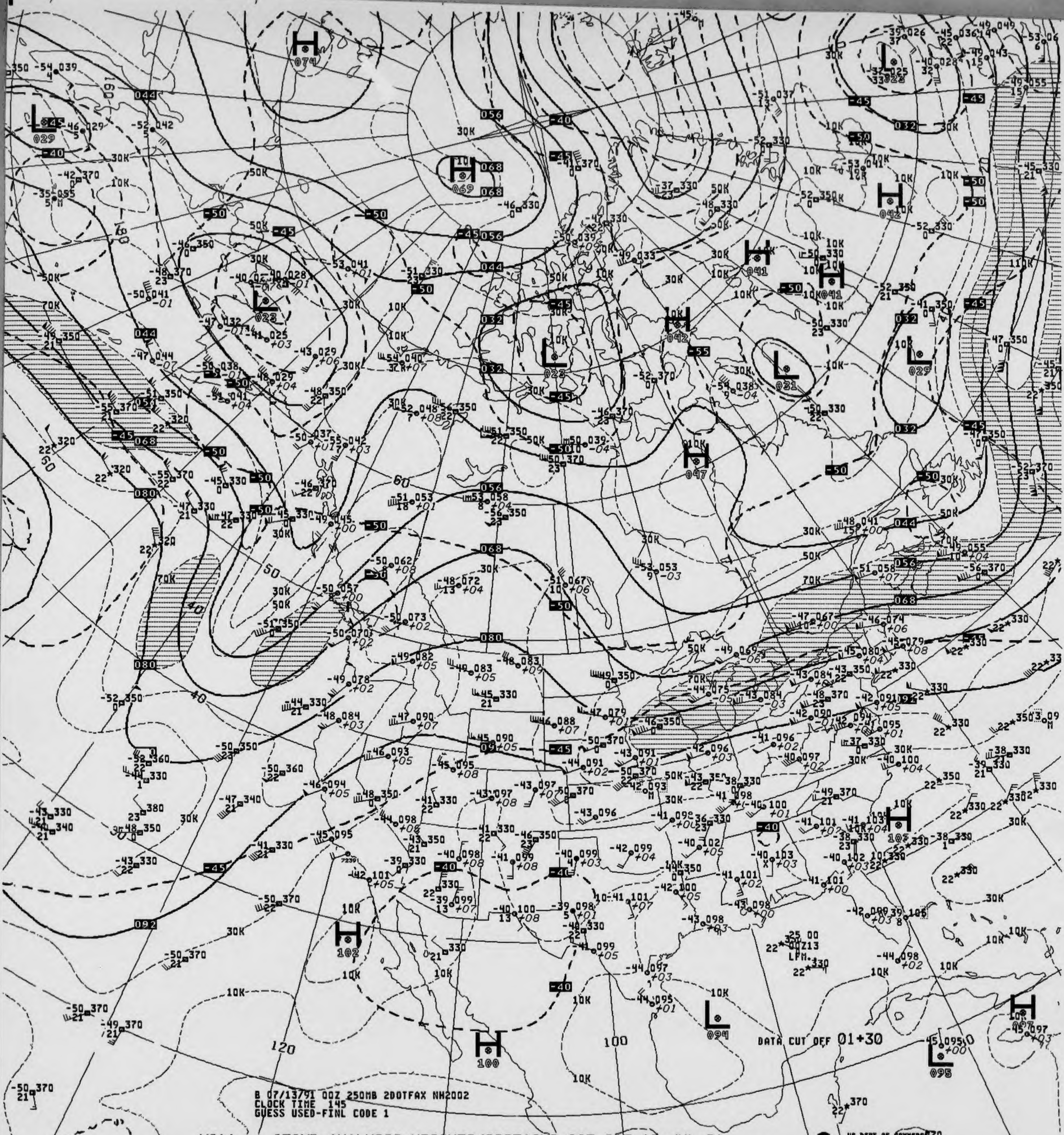

B 07/12/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1
DATA CUT OFF 01+29
25 00
00Z12
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 12 JUL 91


B 07/12/91 12Z 250MB 20OTFAX NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1
DATA CUT OFF 01+30
25 00
12Z12
LFM..
H 078
L 021
H 043
H 042
L 034
L 028
H 046
H 046
L 036
H 100
L 094
L 093
H 099
H 097

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 12 JUL 91

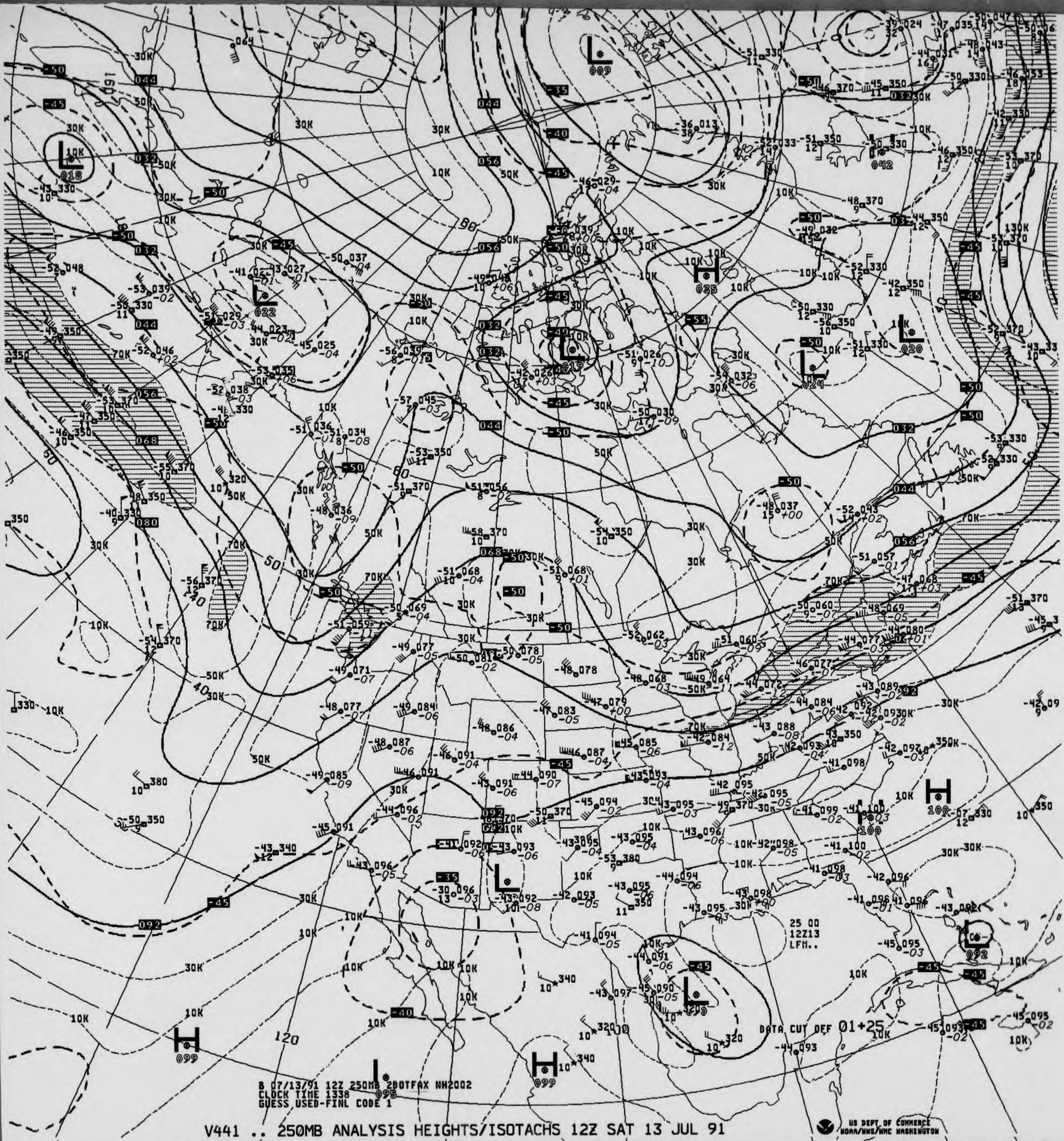
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+30
H
L
30K
50K
70K
10K
60
50
40
100
120
180
160

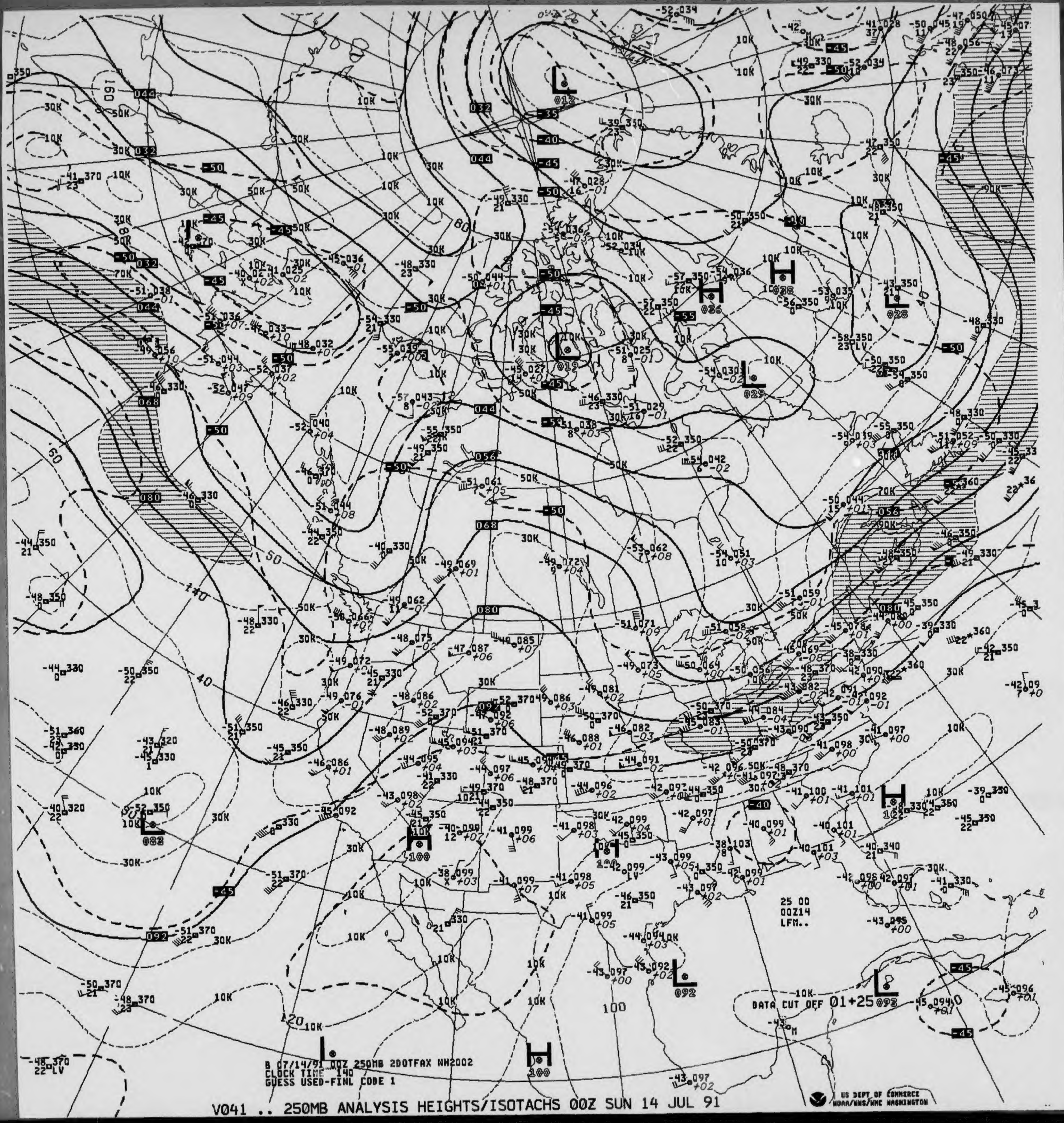
B 07/13/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 145
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 13 JUL 91

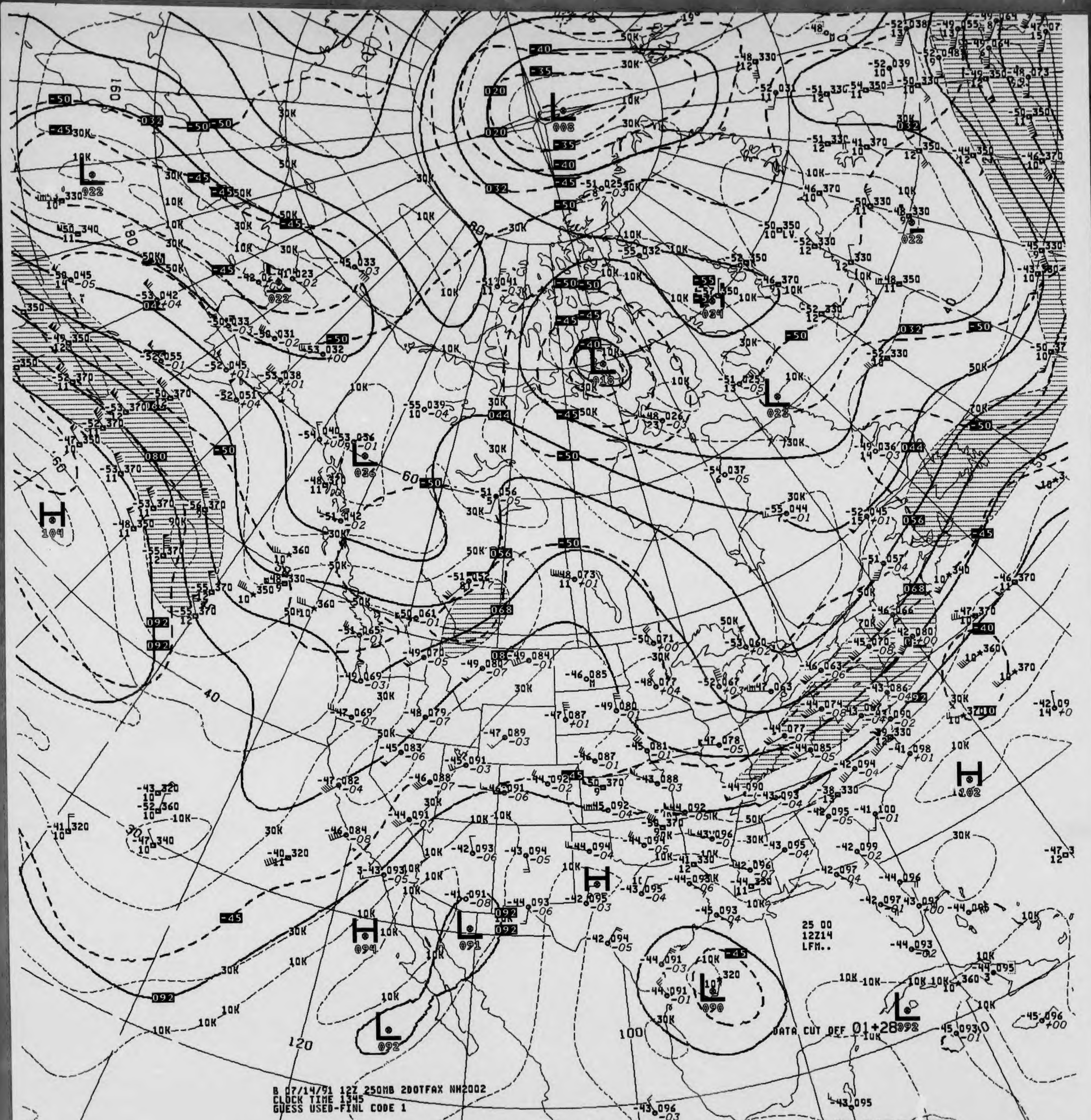
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


25 00
12Z13
LFM..
DATA CUT OFF 01+25
B 07/13/91 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1338
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

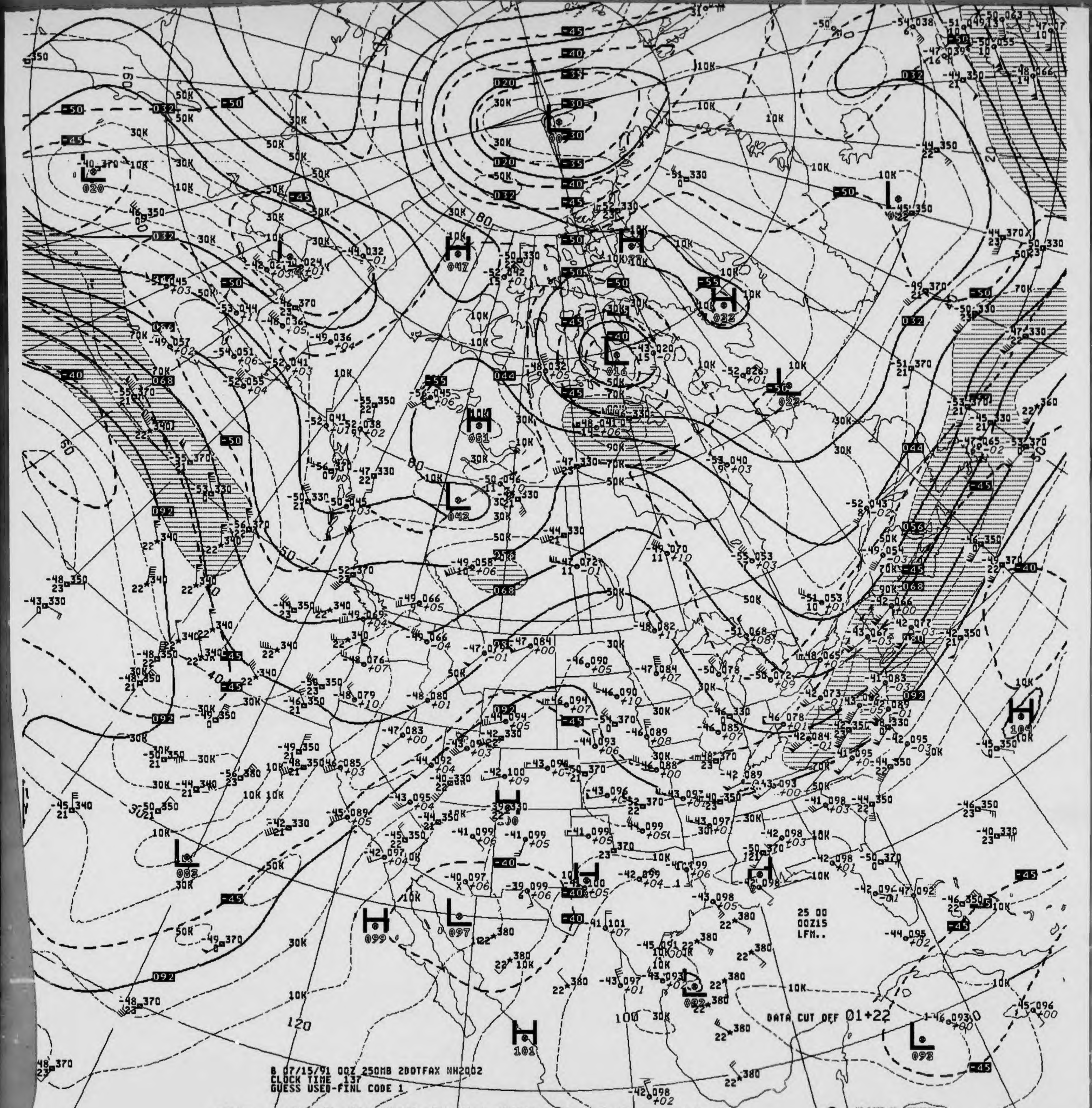
V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 13 JUL 91


B 07/14/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 140
GUESS USED-FINL CODE 1
DATA CUT OFF 01+25
25 00
00Z14
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 14 JUL 91


B 07/14/91 12Z 250MB 200TFAX NH2002
CLOCK TIME 1345
GUESS USED-FINL CODE 1
DATA CUT OFF 01+28
25 00
12Z14
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

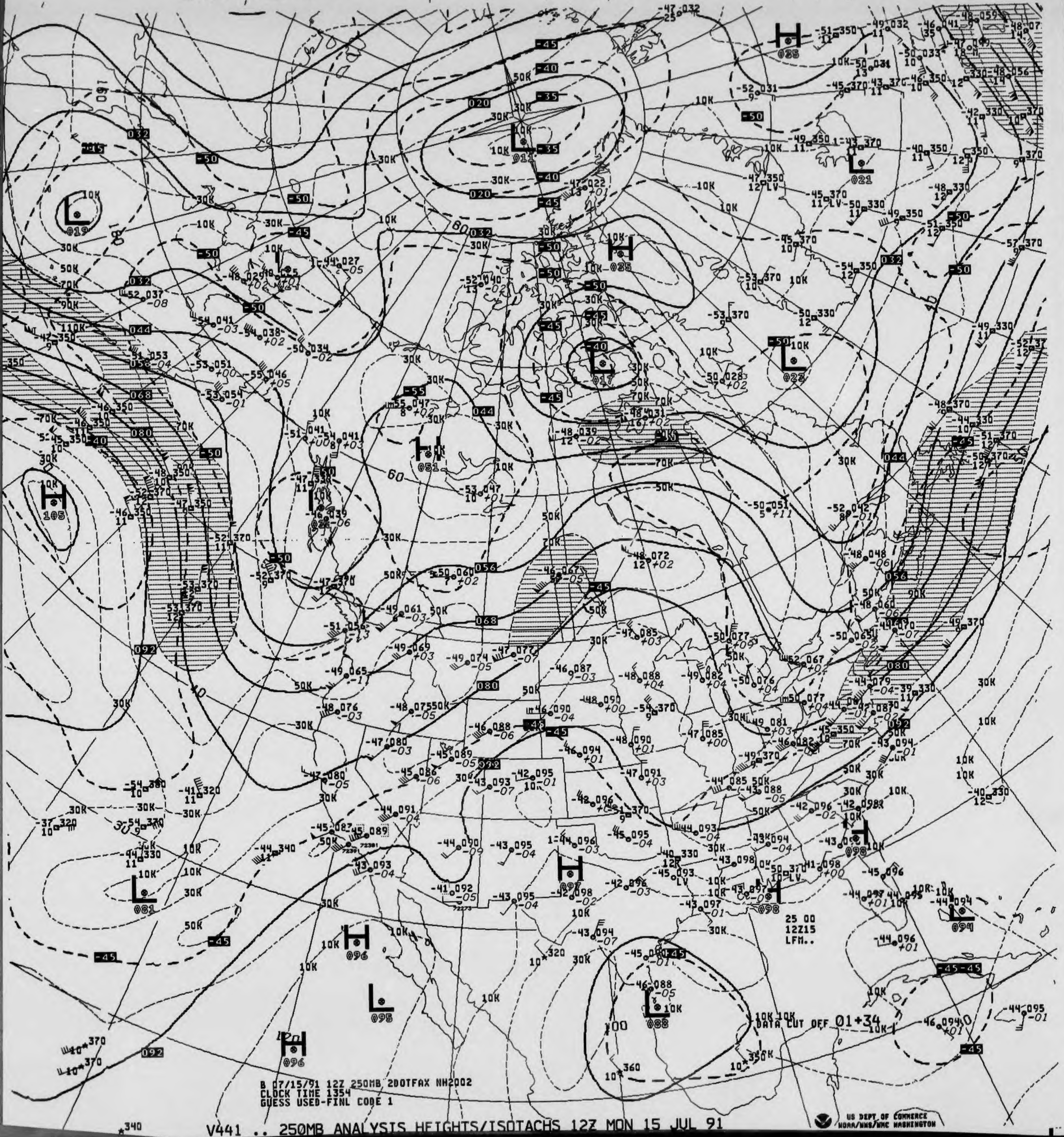
V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 14 JUL 91


DATA CUT OFF 01+22
25 00
00Z15
LFM..
B 07/15/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 137
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 15 JUL 91

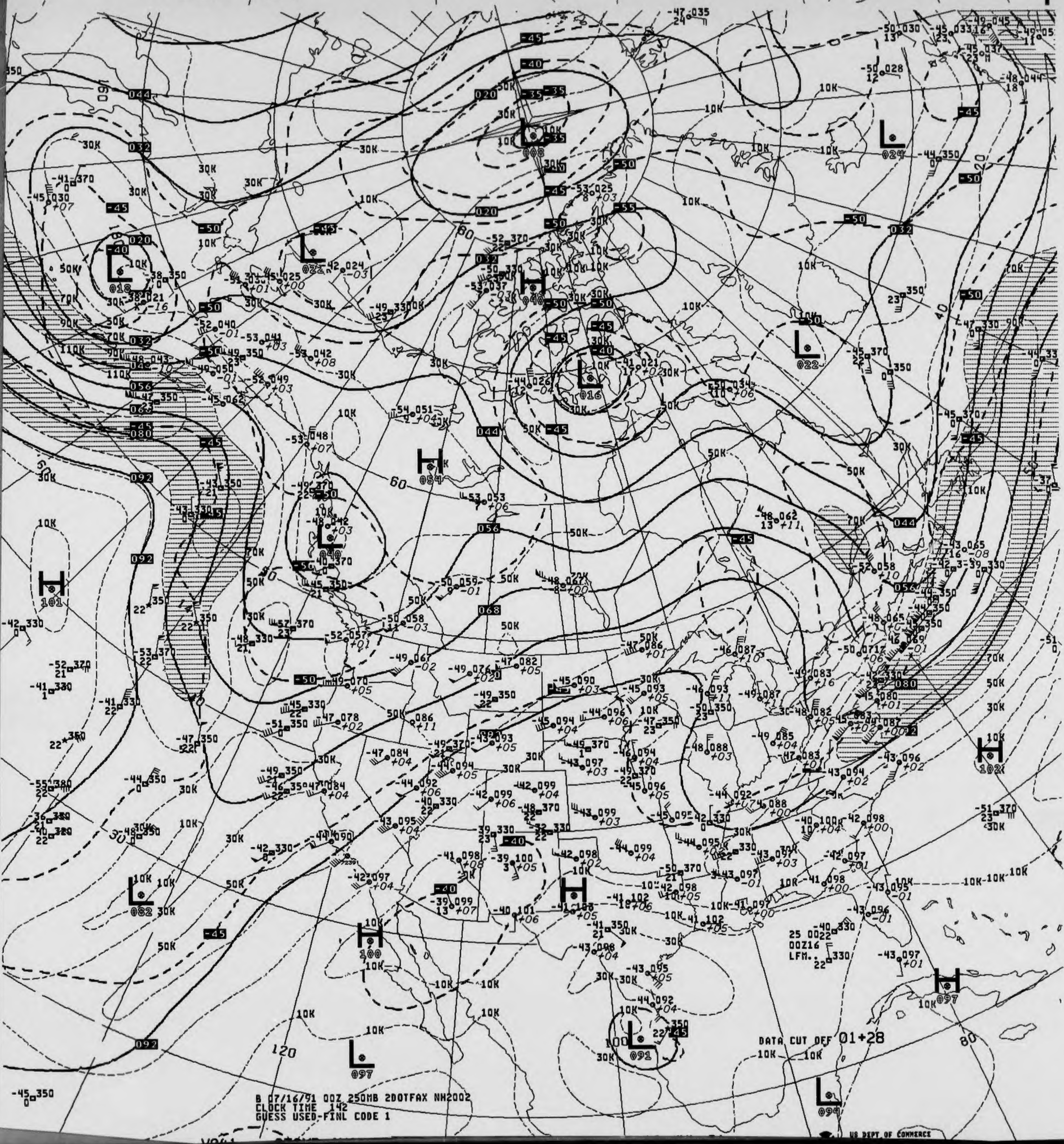
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

LAT/LONG 34N119W 31N110W


H 035
L 011
L 019
L 021
H 035
L 017
L 023
H 051
H 105
L 081
H 096
L 095
H 096
H 097
H 098
L 088
H 098
L 099
25 00
12Z15
LFM..
DATA CUT OFF 01+34
B 07/15/91 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1354
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

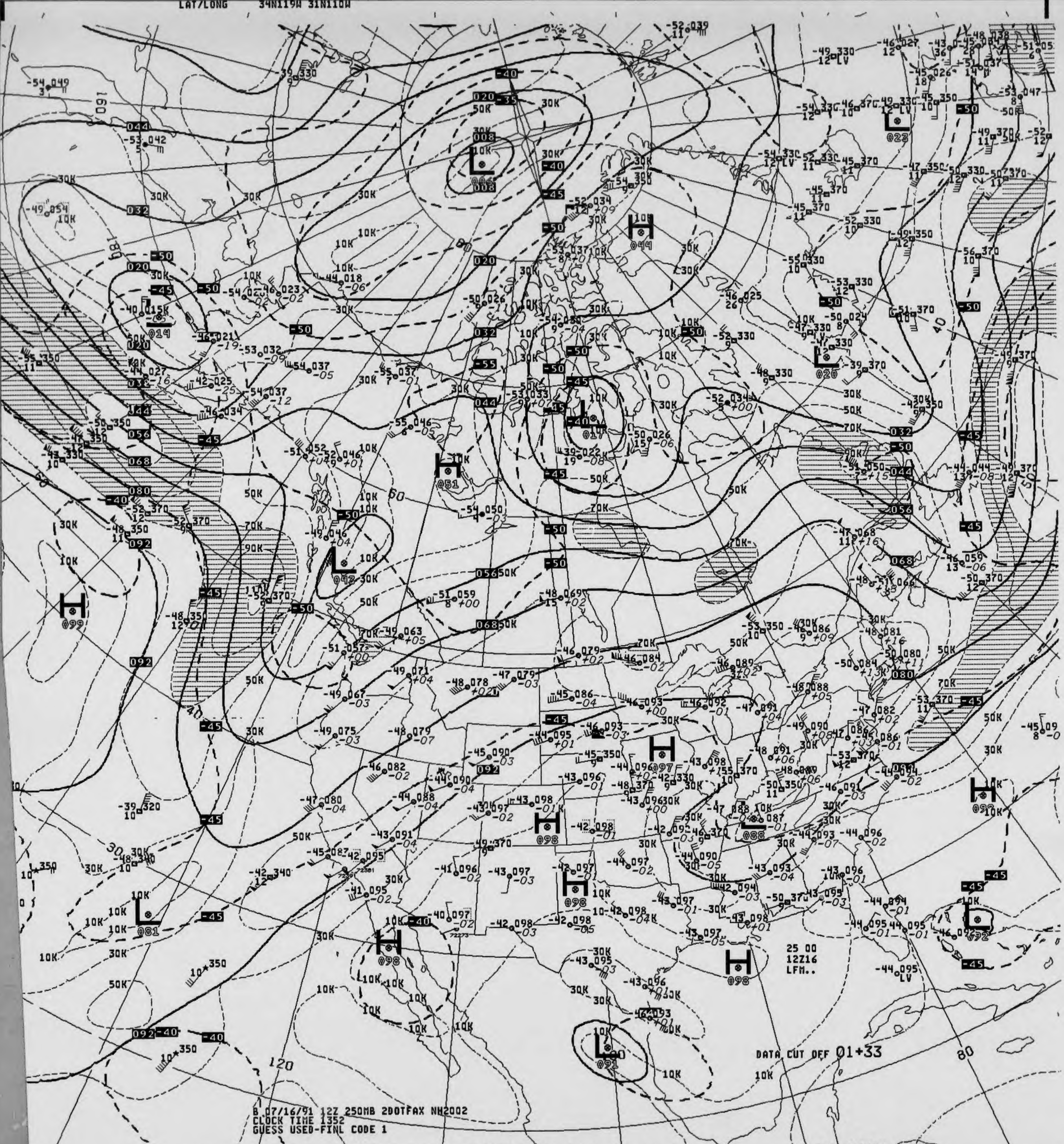
V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 15 JUL 91

ID 72391
LAT/LONG 34N119W


H
040
H
054
H
101
H
100
H
102
H
097
L
008
L
018
L
022
L
024
L
016
L
040
L
082
L
091
L
097
L
094
10K
30K
50K
70K
90K
110K
-45
-50
-55
-40
-35
020
032
044
056
068
080
092
60
80
120
DATA CUT OFF 01+28
US DEPT OF COMMERCE

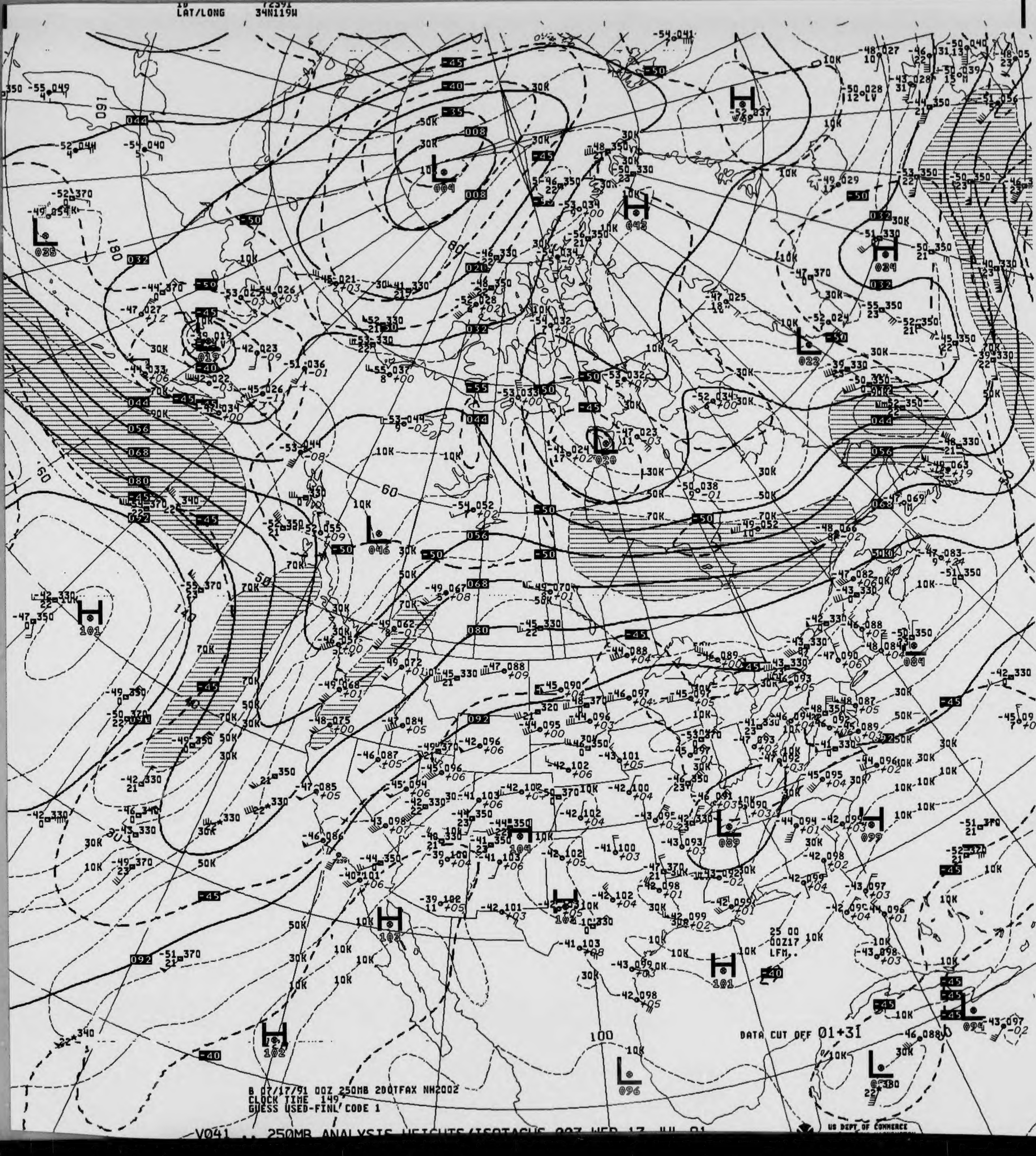
B 07/16/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

LAT/LONG 34N119W 31N110W

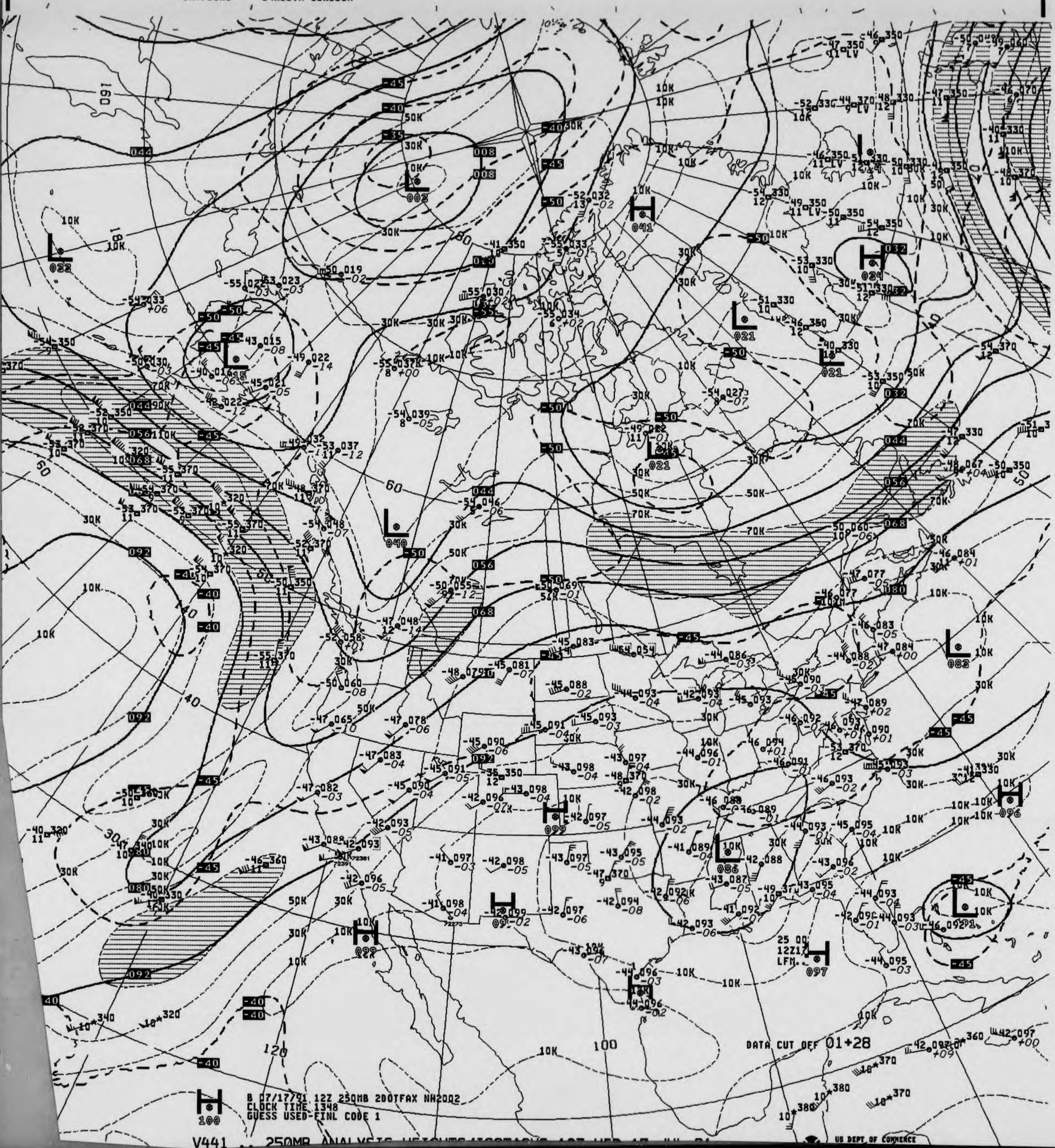

DATA CUT OFF 01+33
25 00
12Z16
LFM..
B 07/16/91 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1352
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 16 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

ID 72391
LAT/LONG 34N119W
DATA CUT OFF 01+31
B 07/17/91 00Z 250MB 200TFAX NH2002
CLOCK TIME 149
GUESS USED-FINL CODE 1
V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 17 JUL 91
US DEPT OF COMMERCE

ID 72391 72273
LAT/LONG 34N119W 31N110W

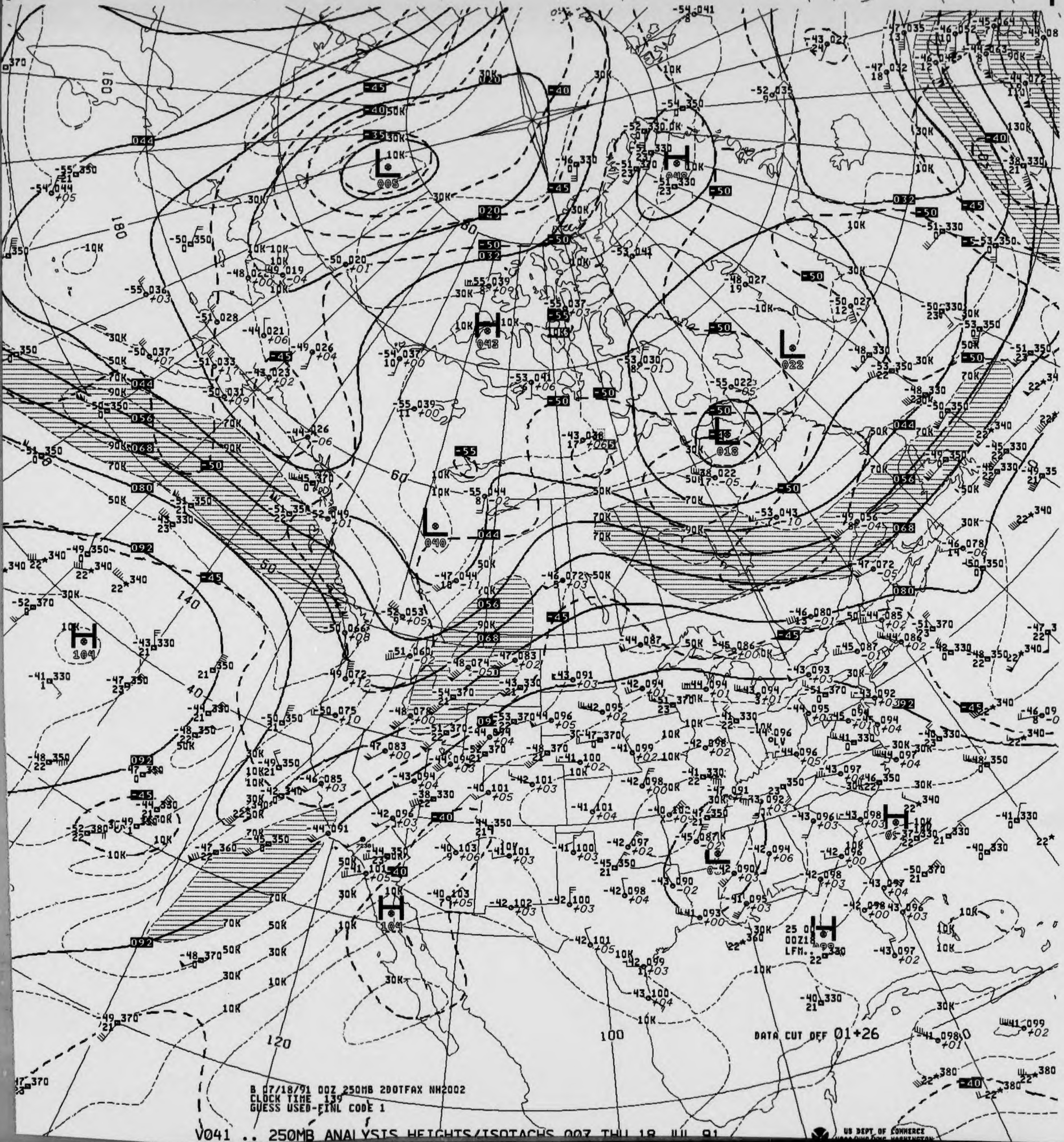


DATA CUT OFF 01+28
US DEPT OF COMMERCE

B 07/17/91 12Z 250MB 200TFAX NH2002
CLOCK TIME 1348
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 17 JUL 91

LAT/LONG 34N116W

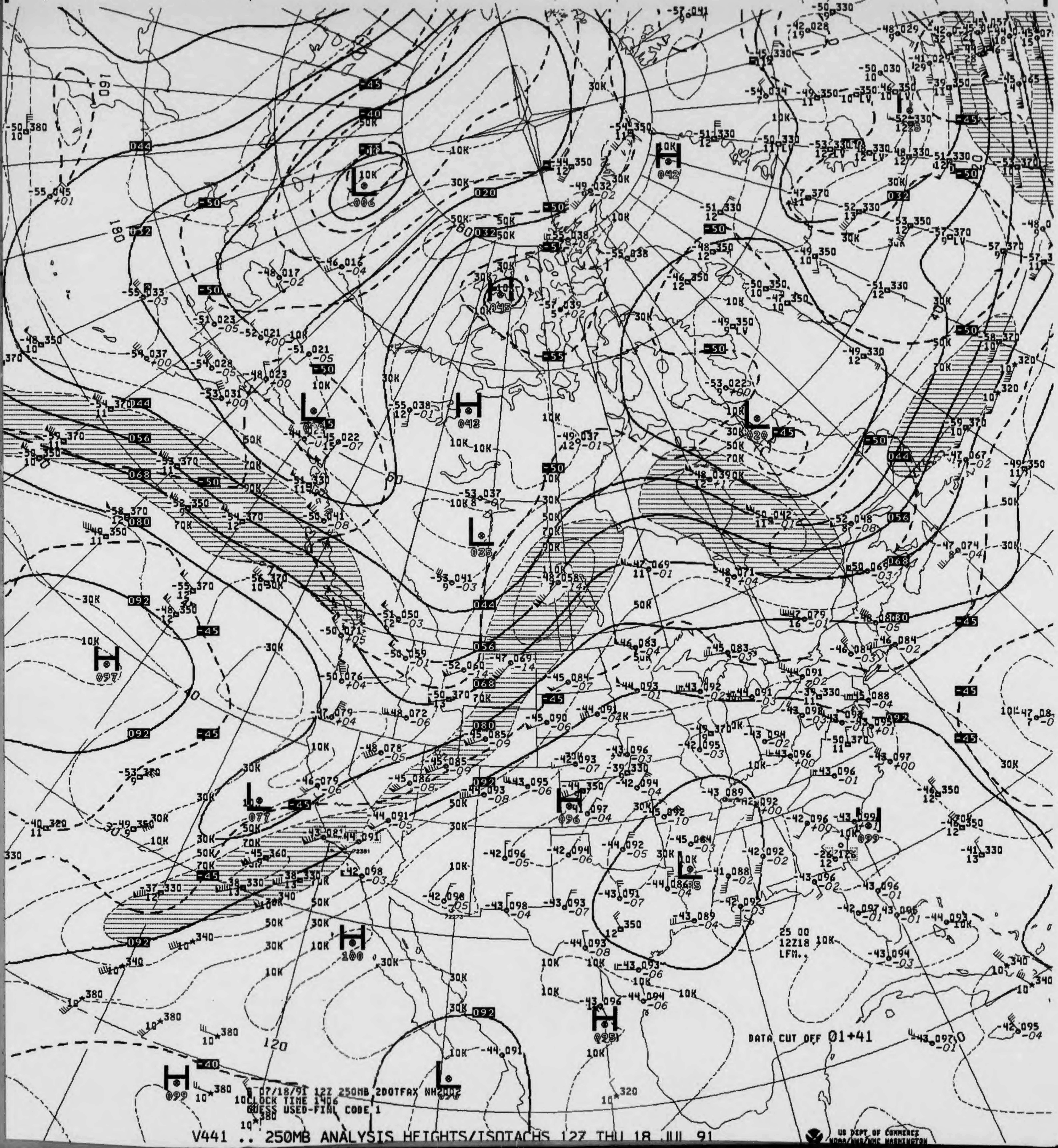

DATA CUT OFF 01+26
25 00
00Z18
LFM.
180
160
140
120
100
60
40

B 07/18/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 139
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 18 JUL 91

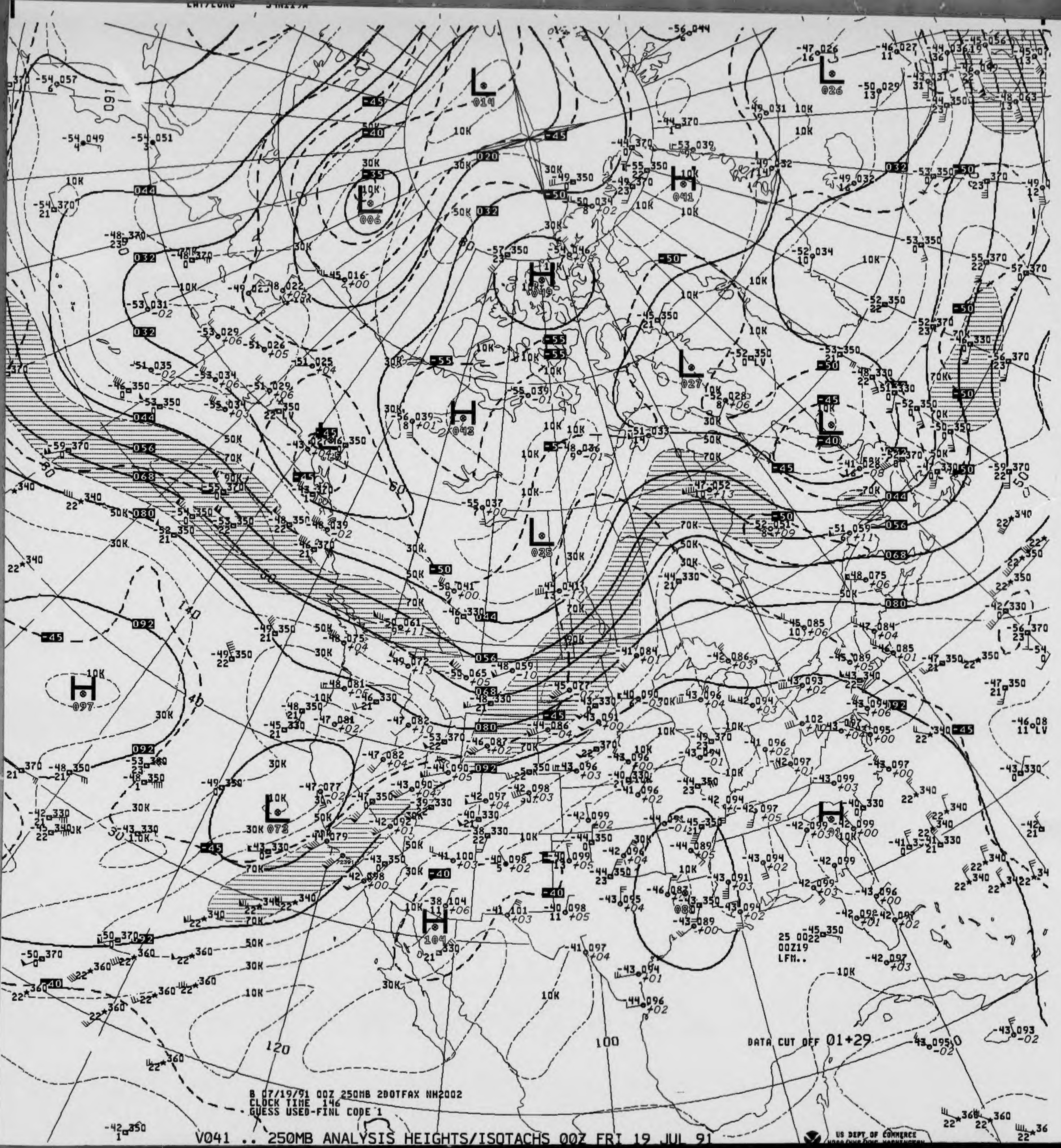
US DEPT OF COMMERCE

LAT/LONG 32N081W 31N110W


DATA CUT OFF 01+41
25 00
12Z18
LFM..
0 07/18/91 12Z 250MB 2DOTFAX NH2002
10CLOCK TIME 1406
GUESS USED-FINAL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 18 JUL 91

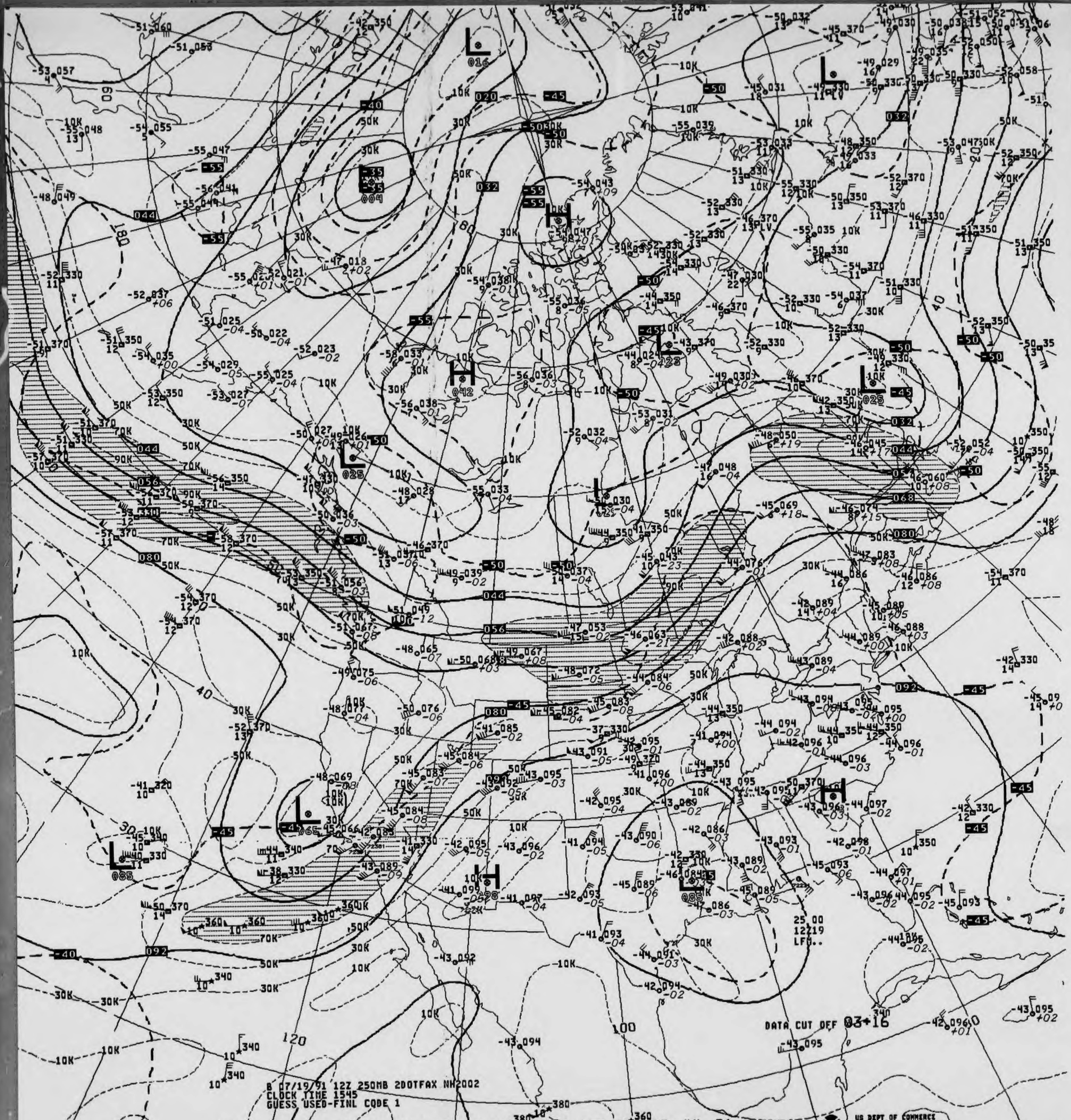
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 014
L 006
L 026
H 041
H 049
L 027
H 043
L 035
L 040
H 097
L 072
H 104
H 089
DATA CUT OFF 01+29
25 0022
00Z19
LFM..
160
140
120
100
80
60
40
30
10K
30K
50K
70K
90K
-45
-40
-50
-55
-35
020
032
044
056
068
080
092

B 07/19/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 146
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 19 JUL 91

US DEPT OF COMMERCE

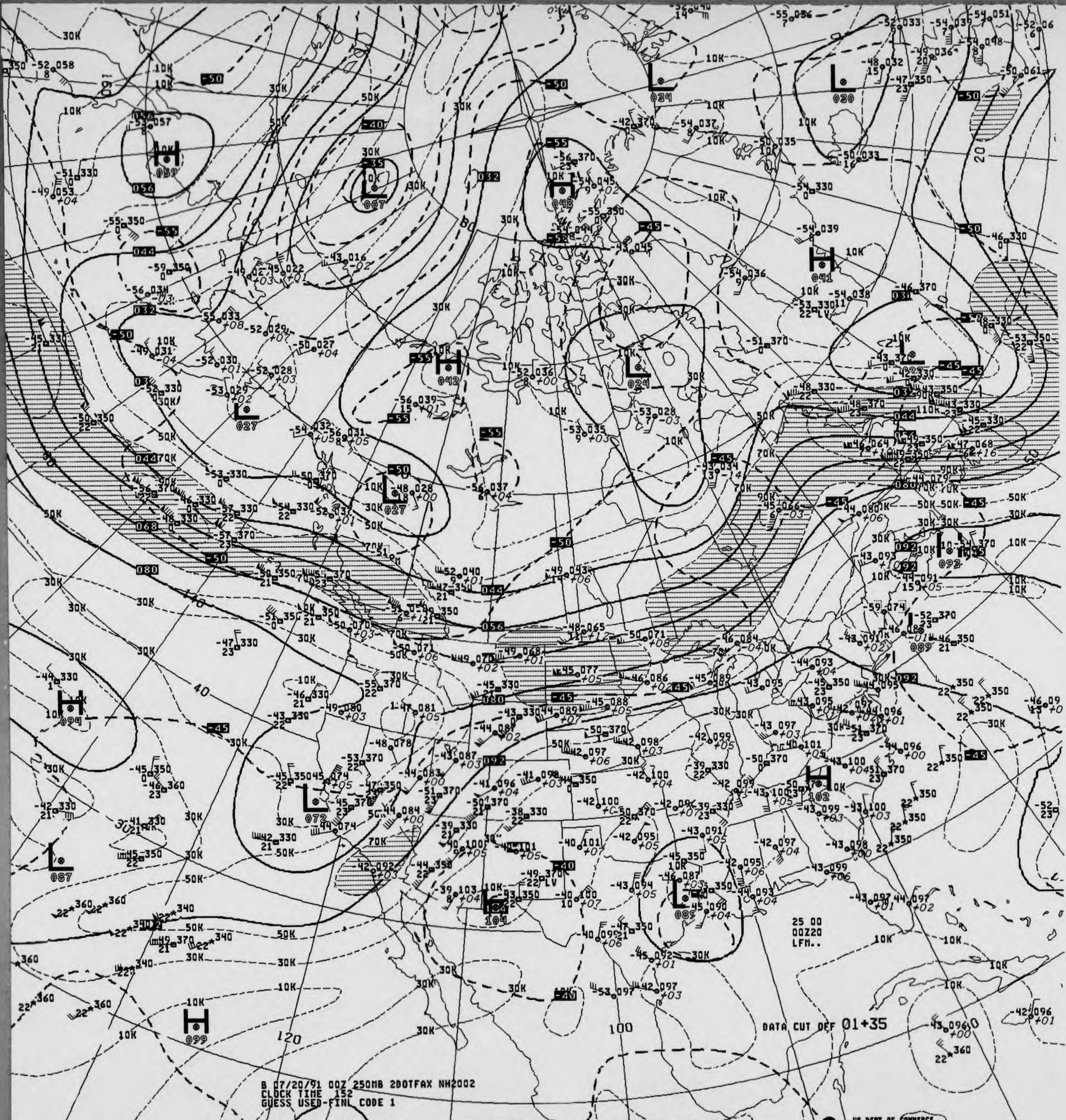


DATA CUT OFF 03+16
25 00
12219
LFM..

B 07/19/91 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1545
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 19 JUL 91

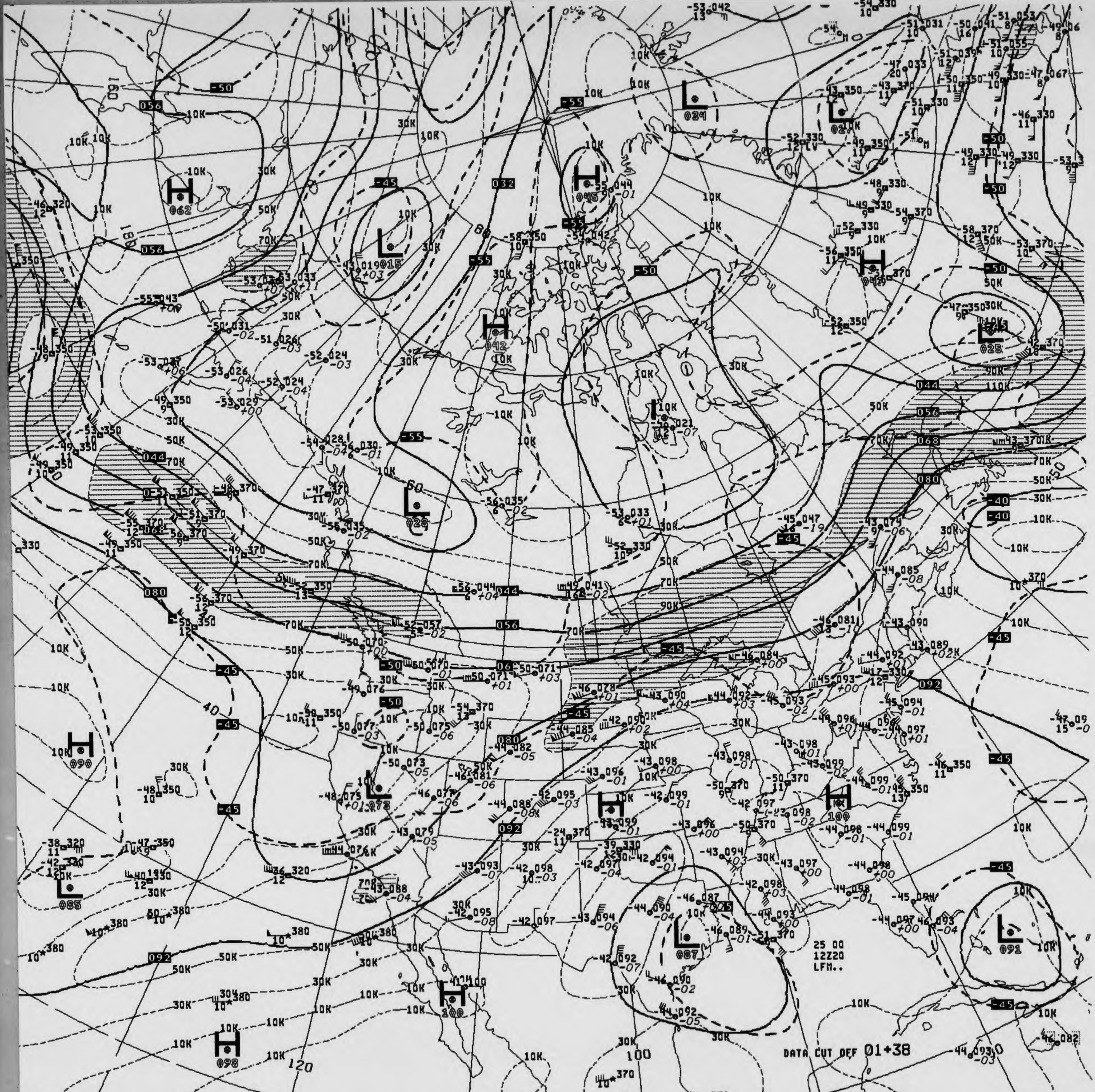
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+35
25 00
00Z20
LFM..

B 07/20/91 00Z 250MB 200TFAX NH2002
CLOCK TIME 152
GUESS USED-FINL CODE 1

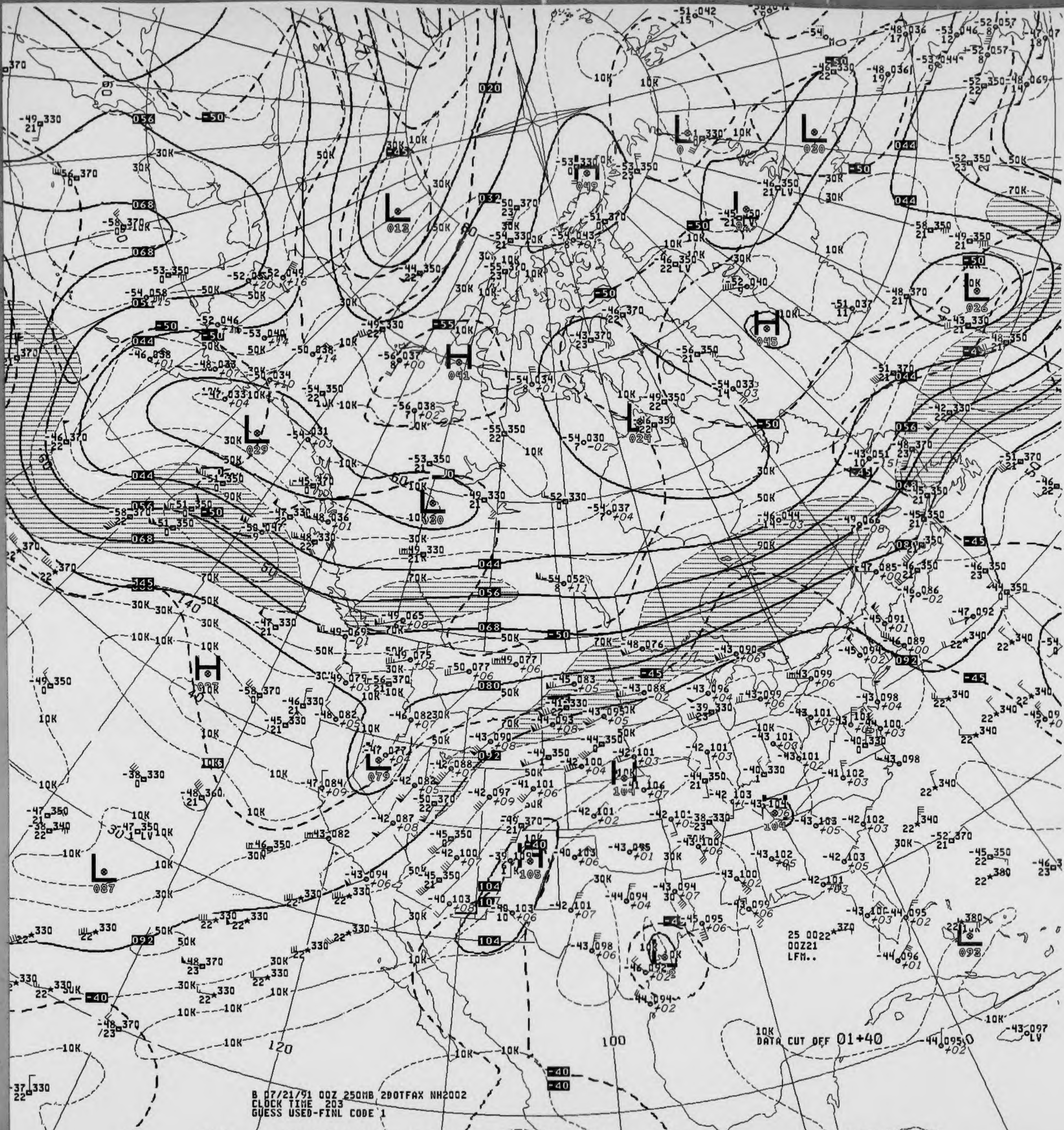
V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 20 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/20/91 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1353
GUESS USED-FINL CODE 1
DATA CUT OFF 01+38
25 00
12Z20
LFM..

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 20 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



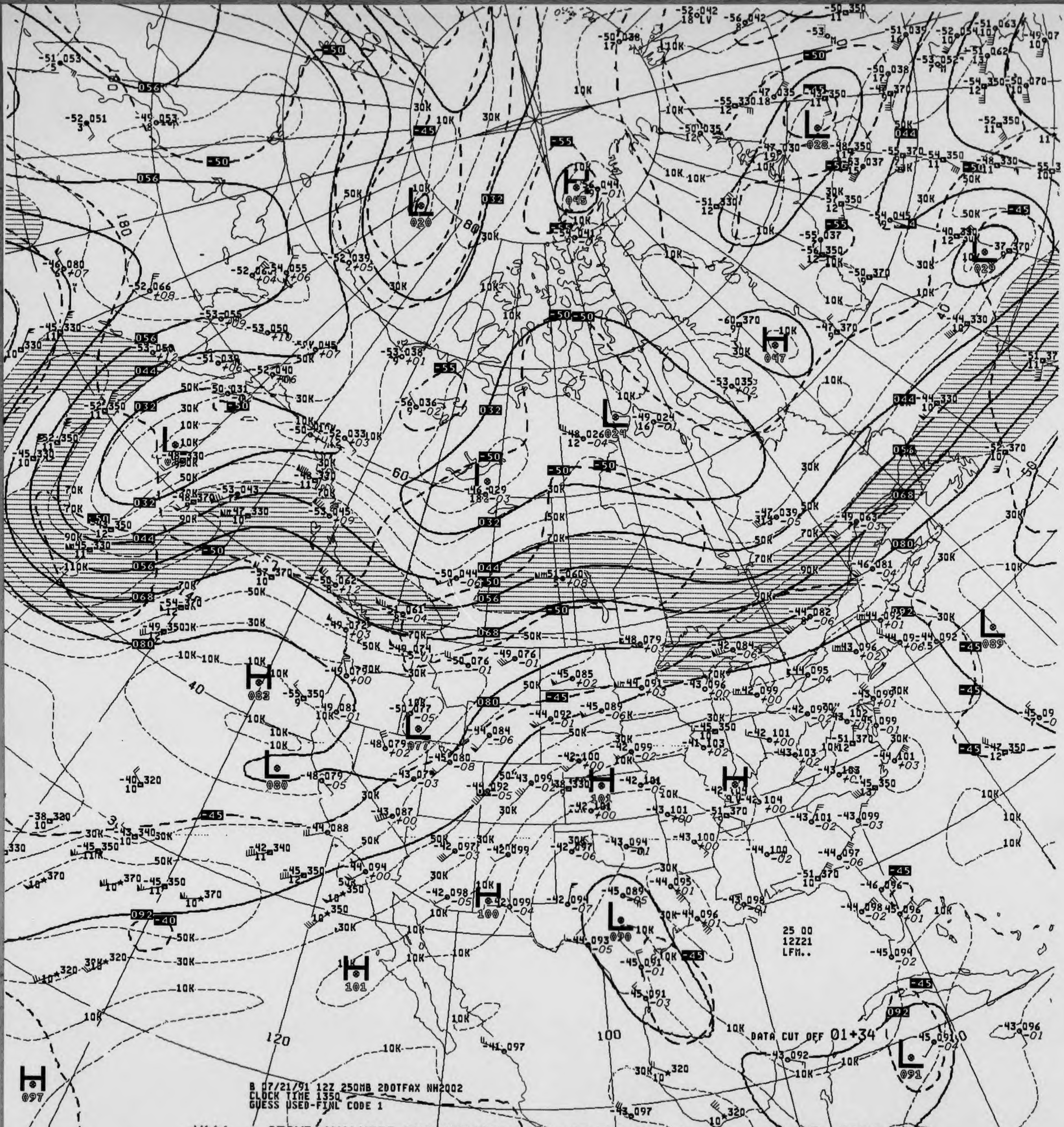
DATA CUT OFF 01+40

25 0022 370
00Z21
LFM..

B 07/21/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 203
GUESS USED-FINL CODE 1

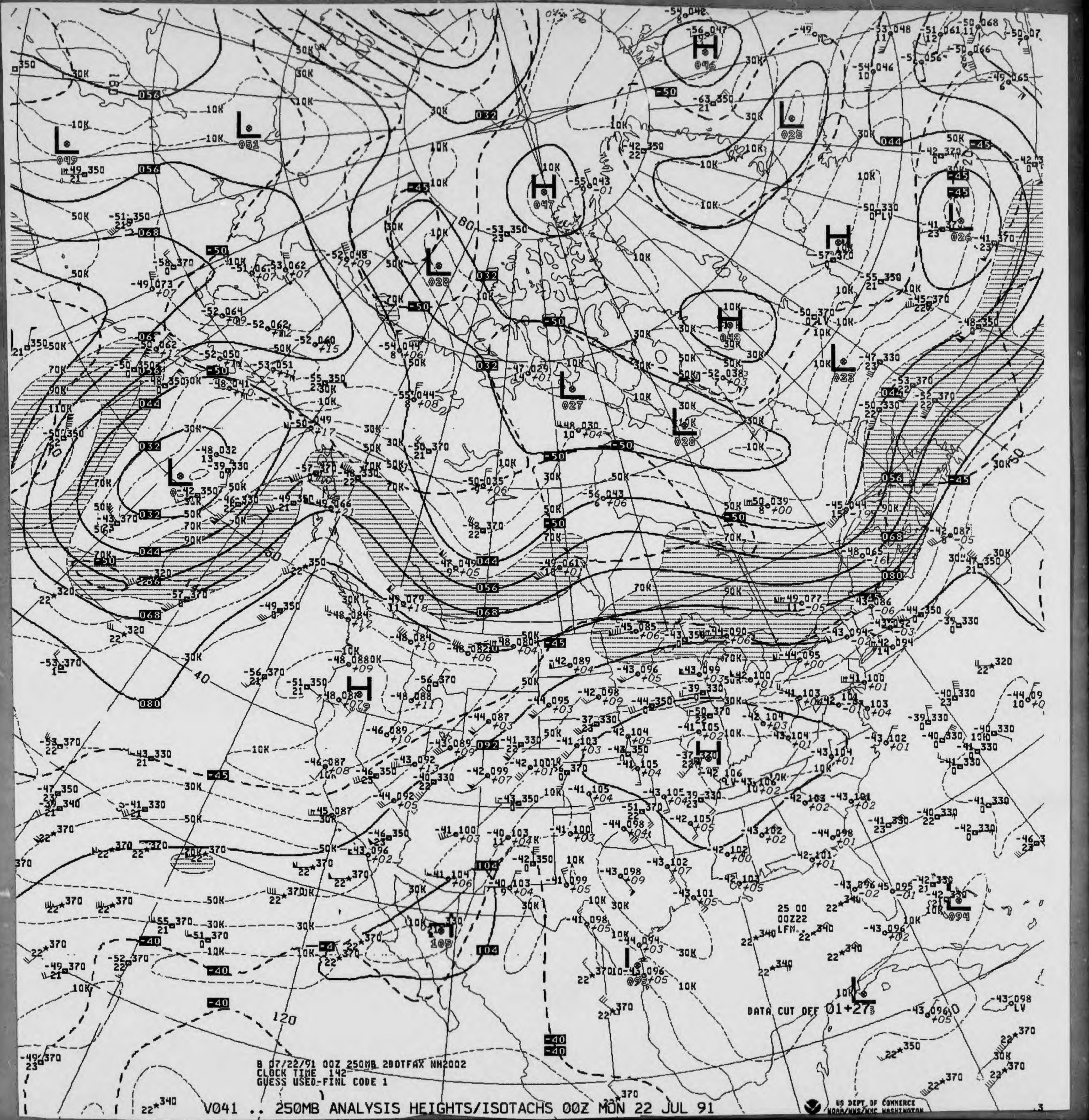
V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 21 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/21/91 12Z 250MB 20DTFAX NH2002
CLOCK TIME 1350
GUESS USED-FINL CODE 1
DATA CUT OFF 01+34
25 00
12Z21
LFM..

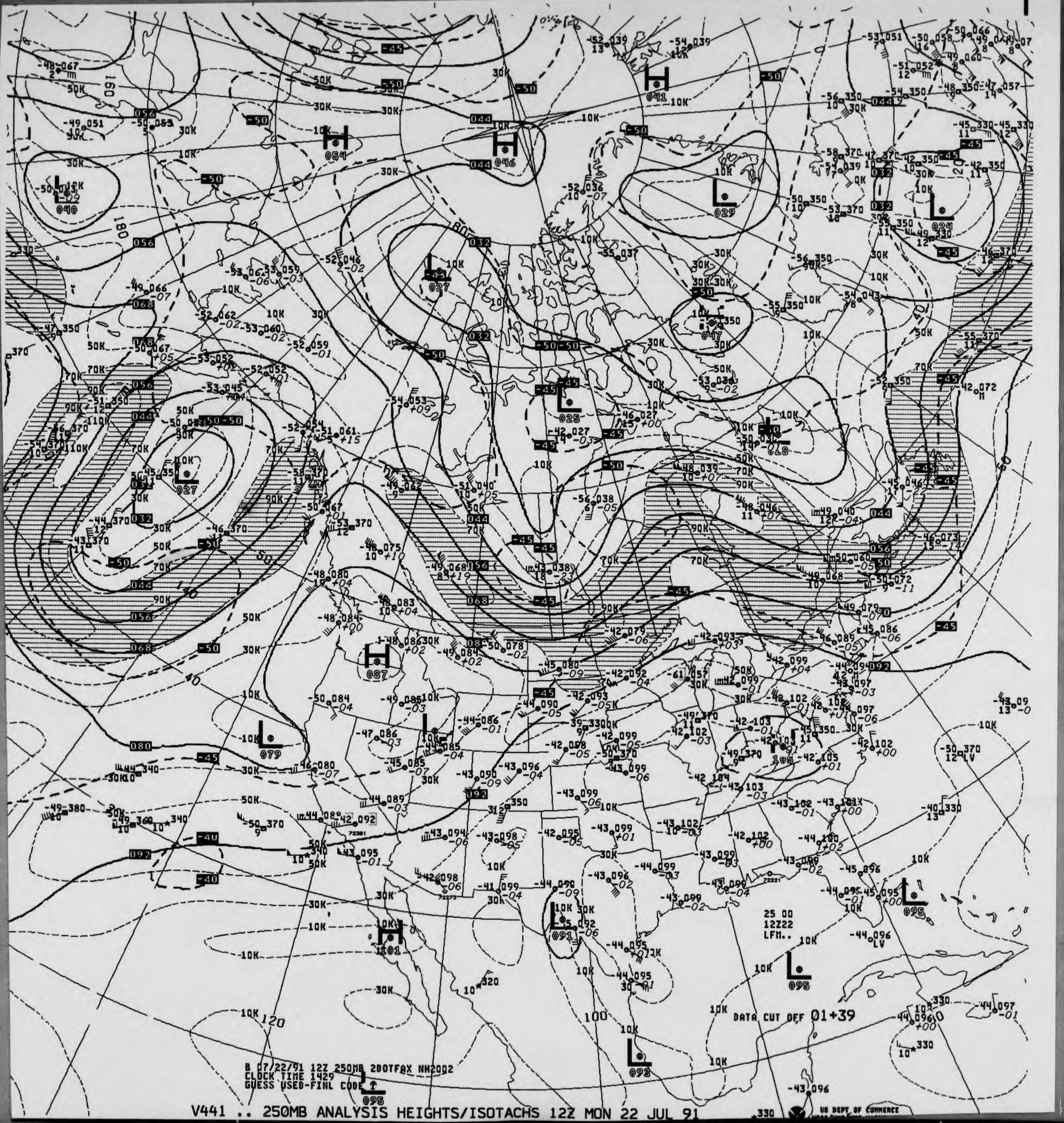
V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 21 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
L
DATA CUT OFF 01+27
25 00
00Z22
LFM
10K
30K
50K
70K
90K
110K
80
60
40
120
-40
-45
-50
032
044
056
068
080
092
104
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 07/22/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 22 JUL 91



B 07/22/91 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1429
GUESS USED-FINL CODE
DATA CUT OFF 01+39
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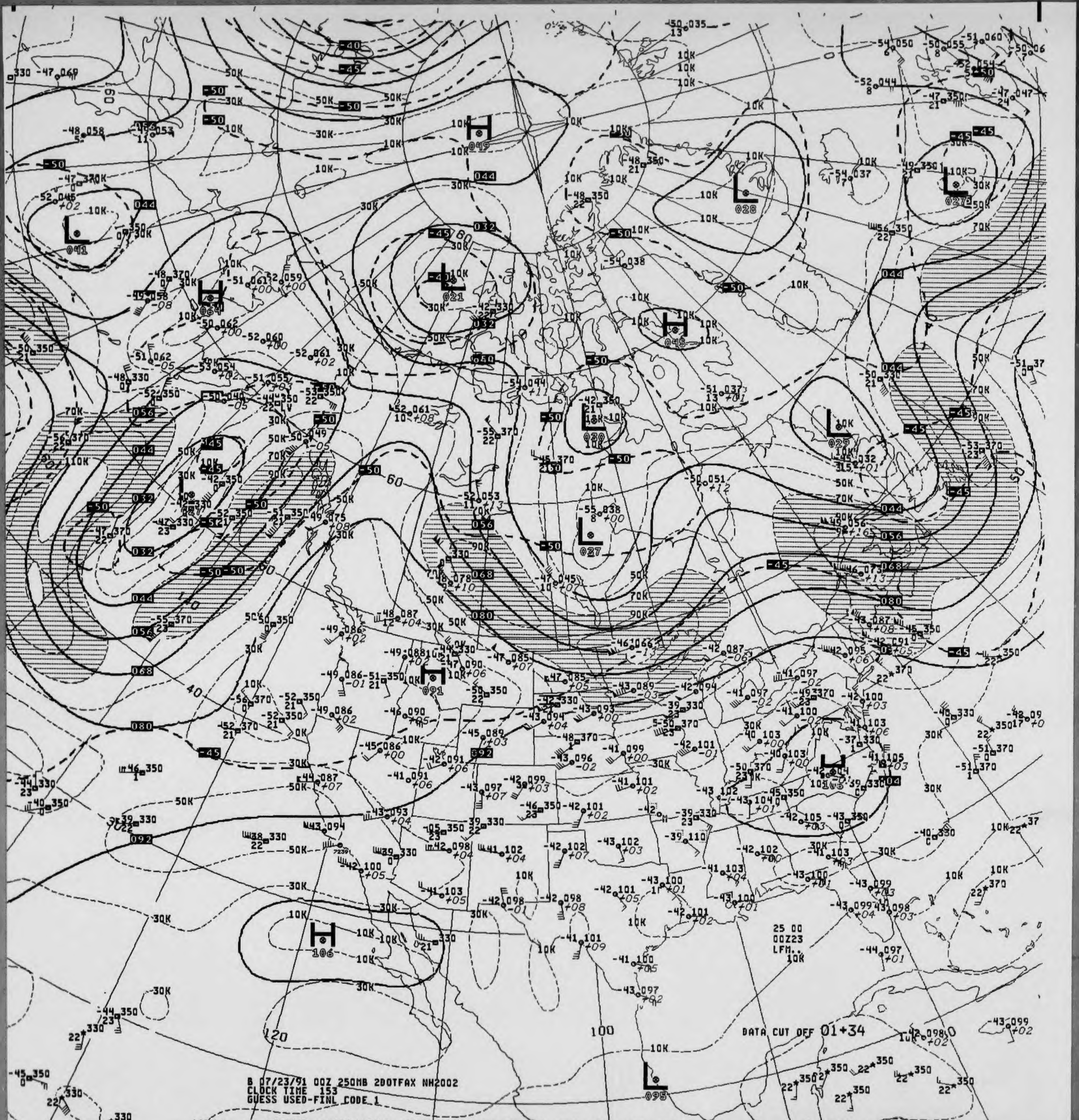
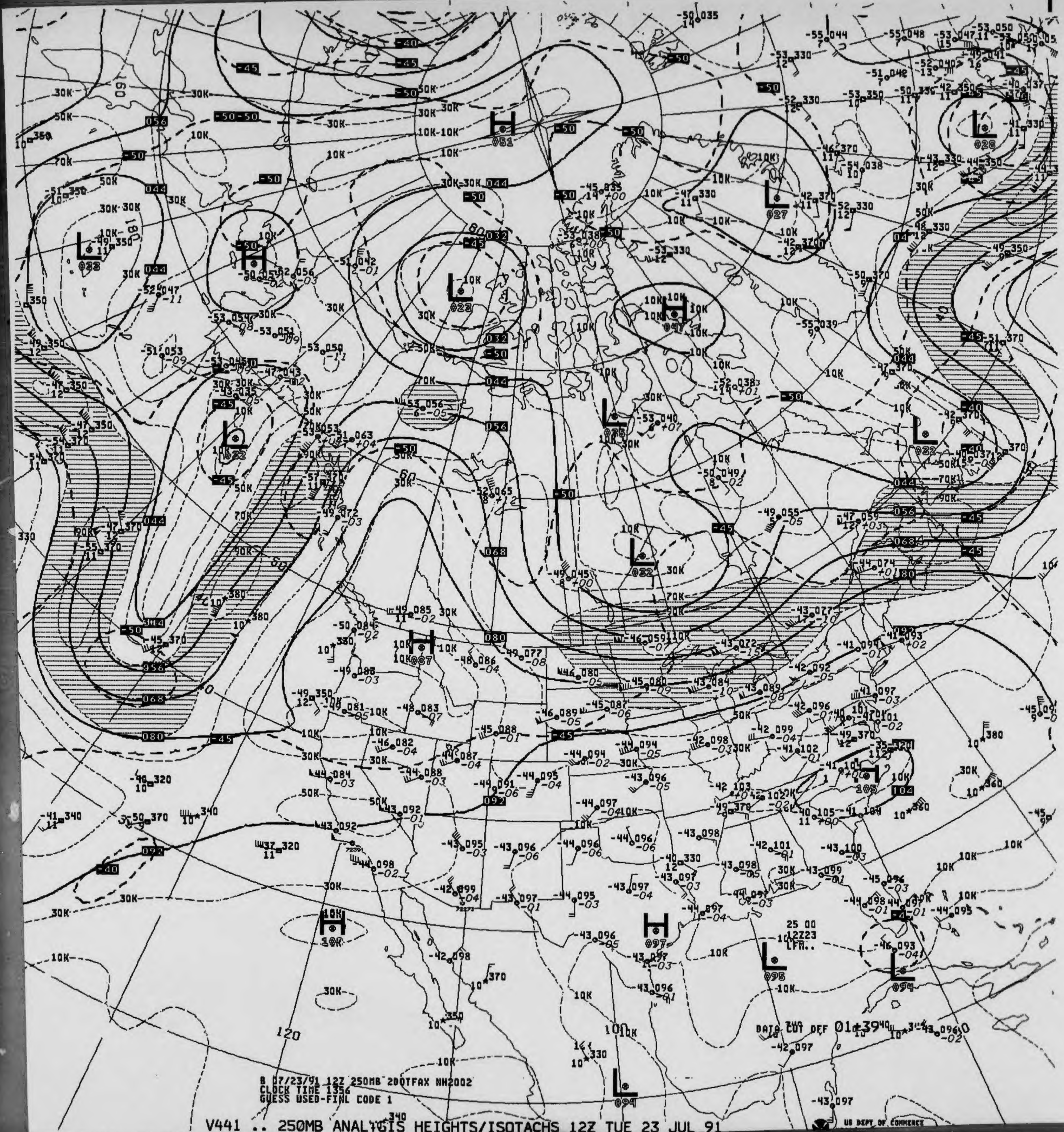
12Z22
LFM..
US DEPT OF COMMERCE

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 22 JUL 91

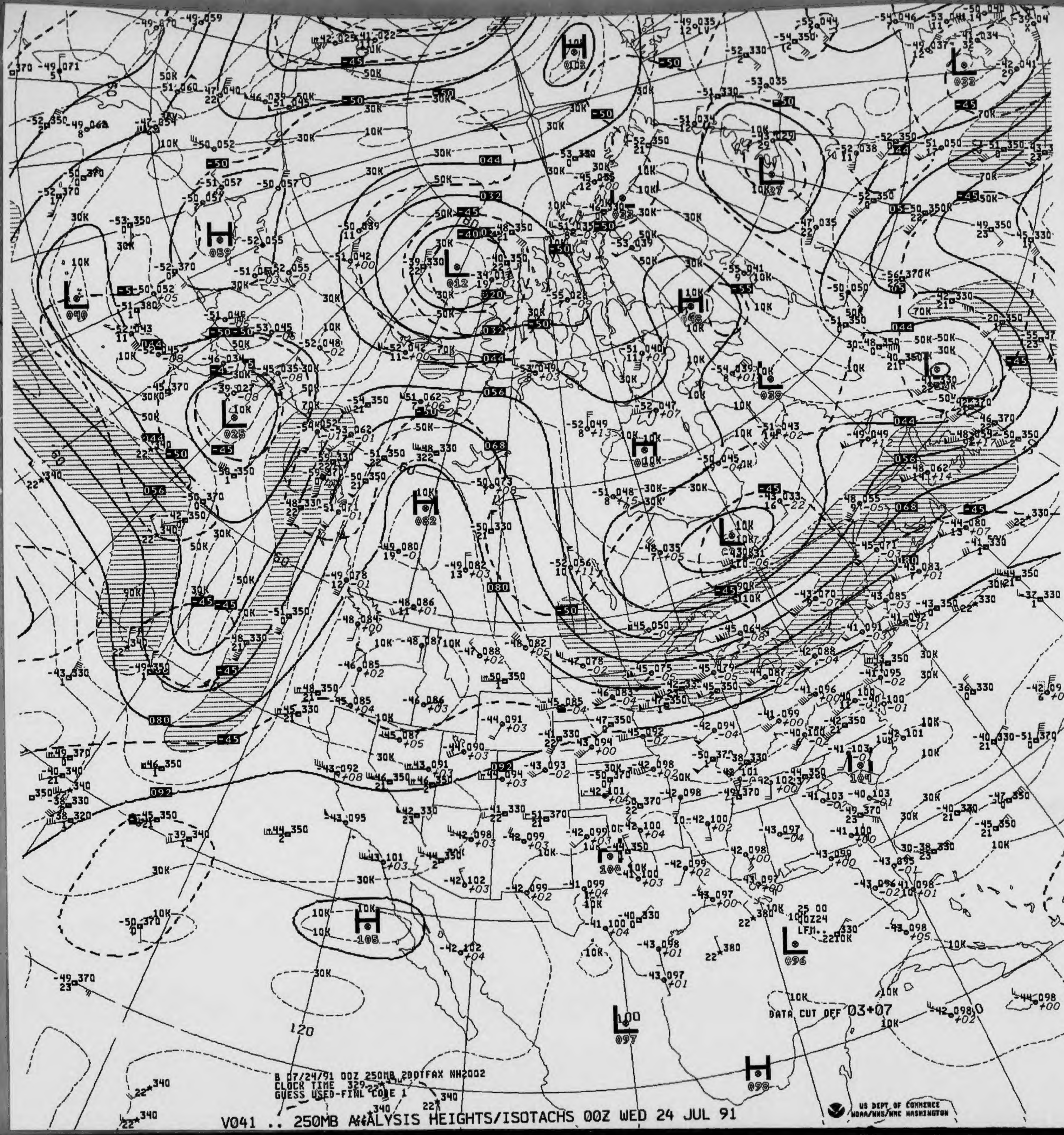


B 07/23/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 153
GUESS USED-FINL CODE 1
DATA CUT OFF 01+34
25 00
00Z23
LFM..
H
L
10K
30K
50K
70K
90K
110K
100
120
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 23 JUL 91


B 07/23/91 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1356
GUESS USED-FINL CODE 1
DATA CUT OFF 01:39
25 00
12Z23
LFM..
H
L
120
US DEPT OF COMMERCE

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 23 JUL 91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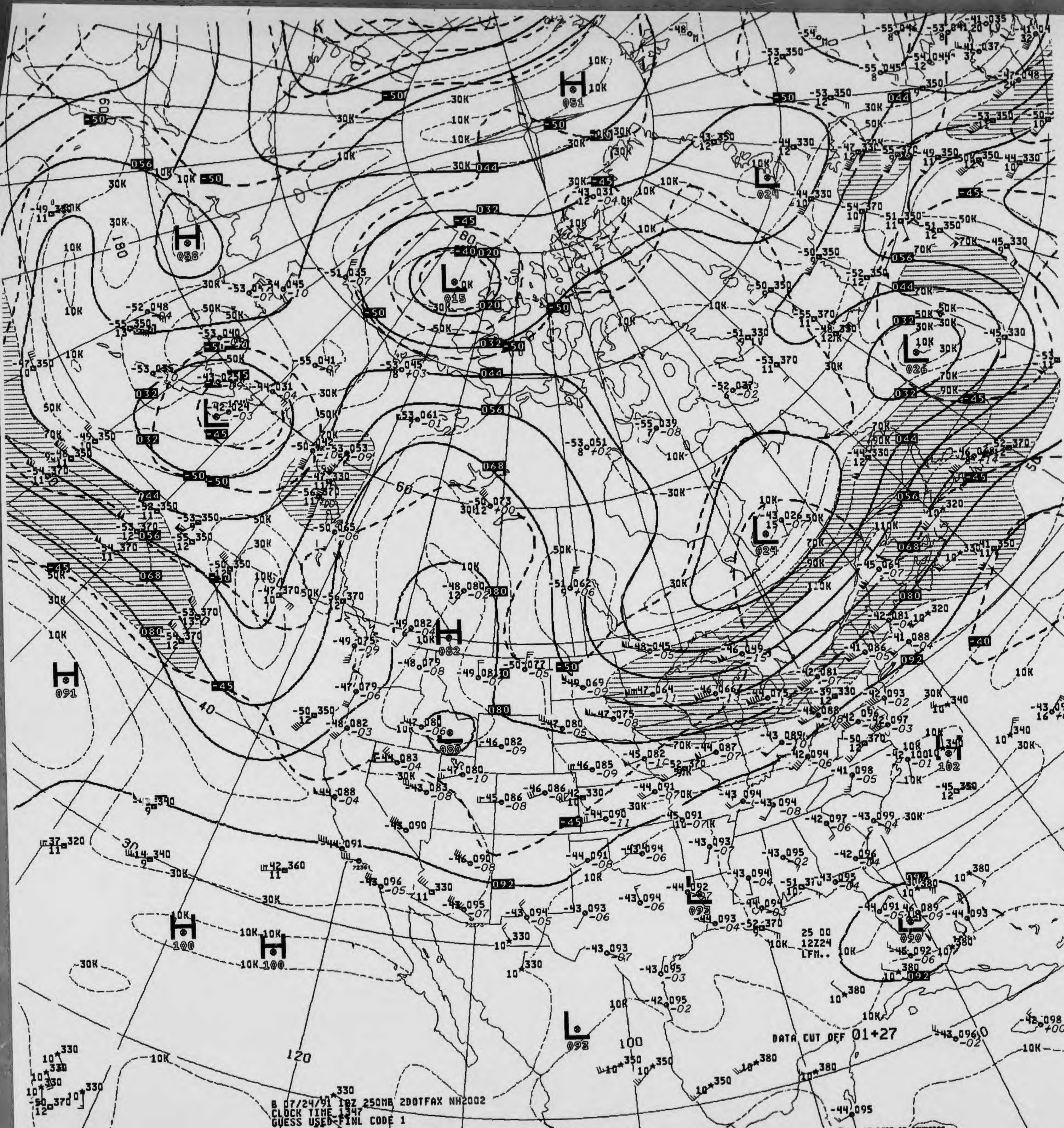
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 07/24/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 329
GUESS USED-FINL CODE 1

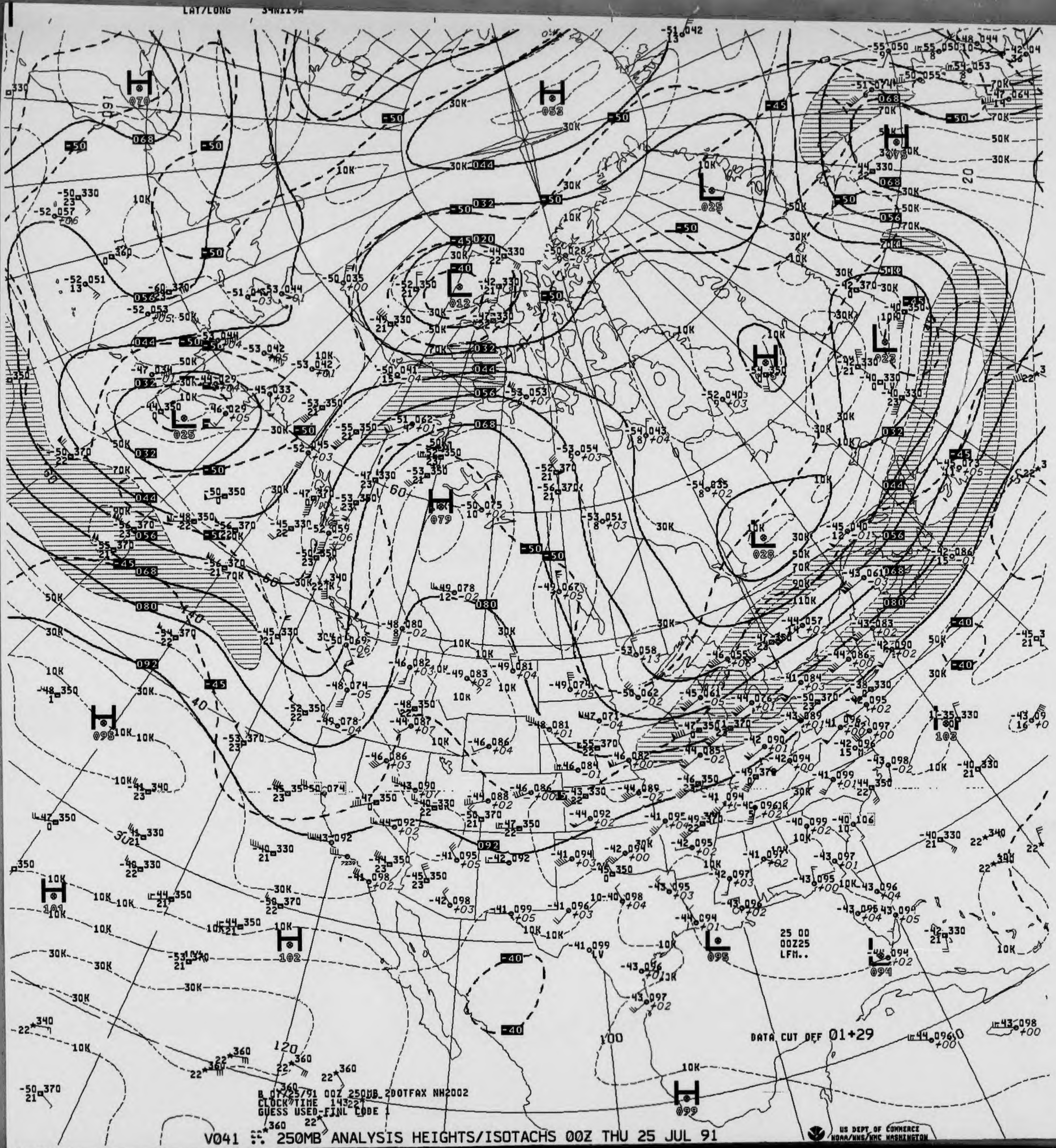
V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 24 JUL 91


H 051
H 058
L 015
L 024
L 026
L 024
H 082
L 080
H 091
H 100
H 100
H 102
L 092
L 092
L 090
DATA CUT OFF 01+27
25 00
12Z24
LFM..

B 07/24/91 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1347
GUESS USED-FINL CODE 1

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 24 JUL 91


LAT/LONG 34N119W
B 07/25/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 1432Z
GUESS USED-FINL CODE 1
DATA CUT OFF 01+29
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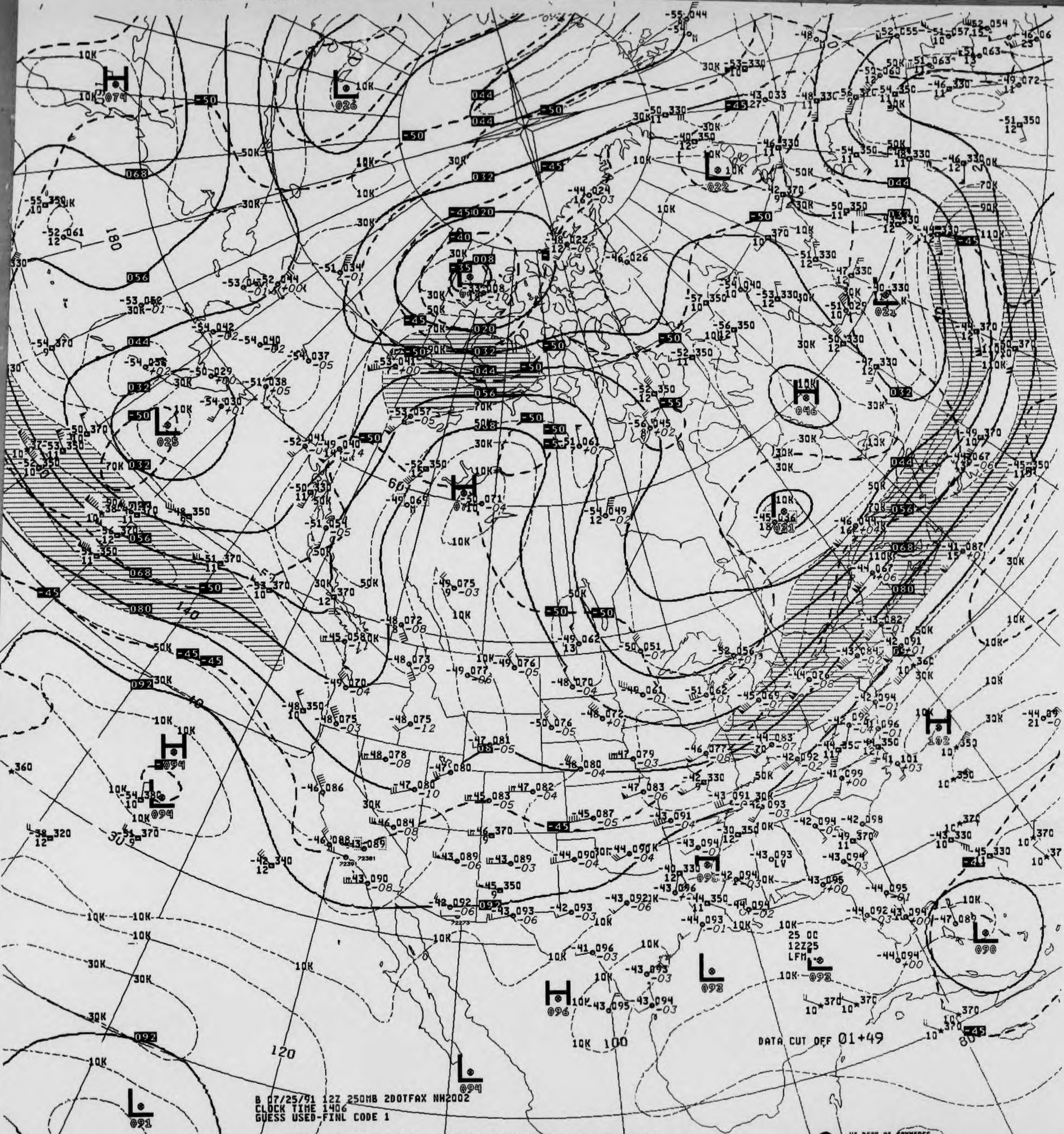
00Z25
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V041 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 25 JUL 91

LAT/LONG 34N119W 31N110W



DATA CUT OFF 01+49

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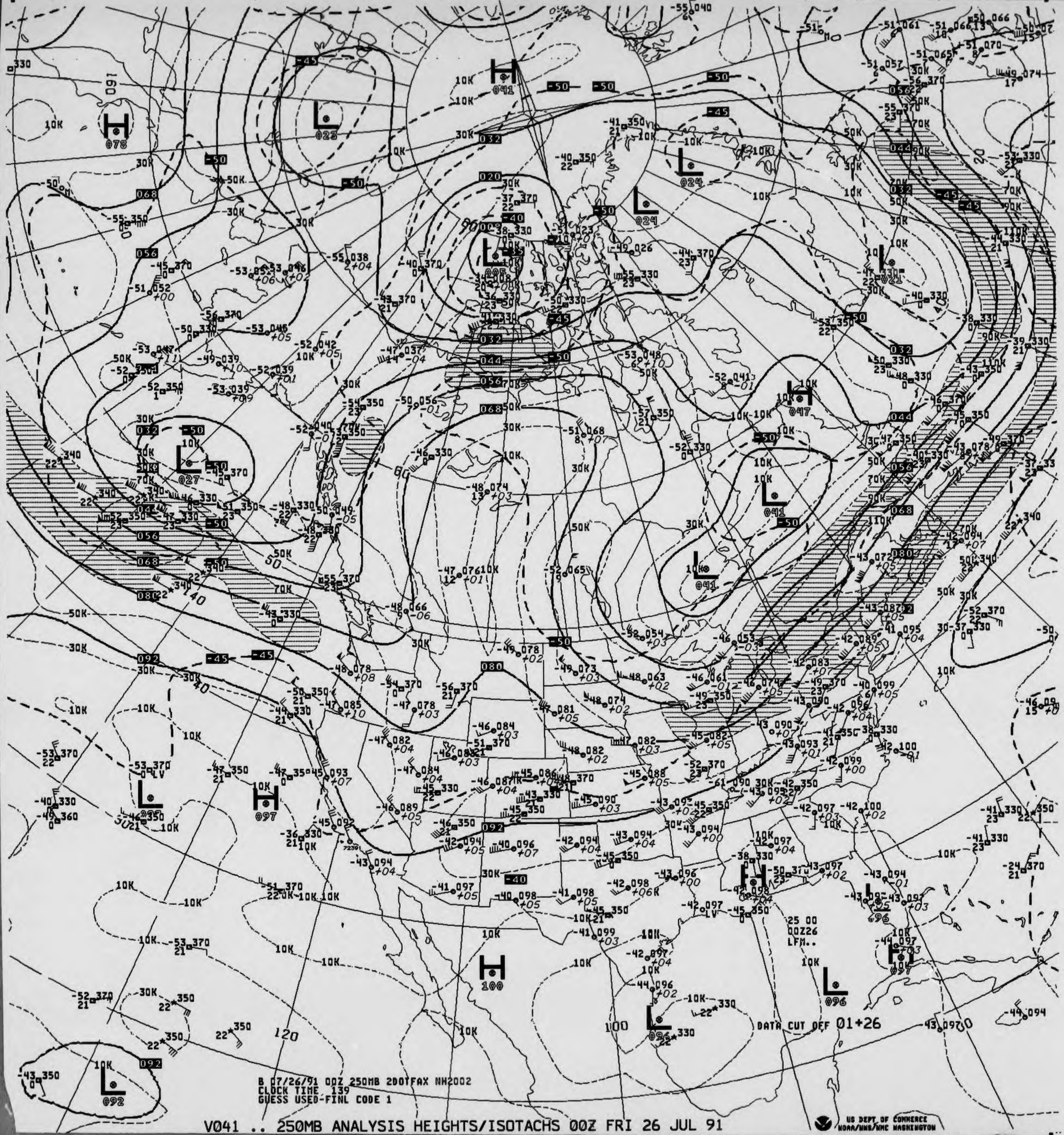
CLOCK TIME 1406
GUESS USED-FINL CODE 1

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 25 JUL 91

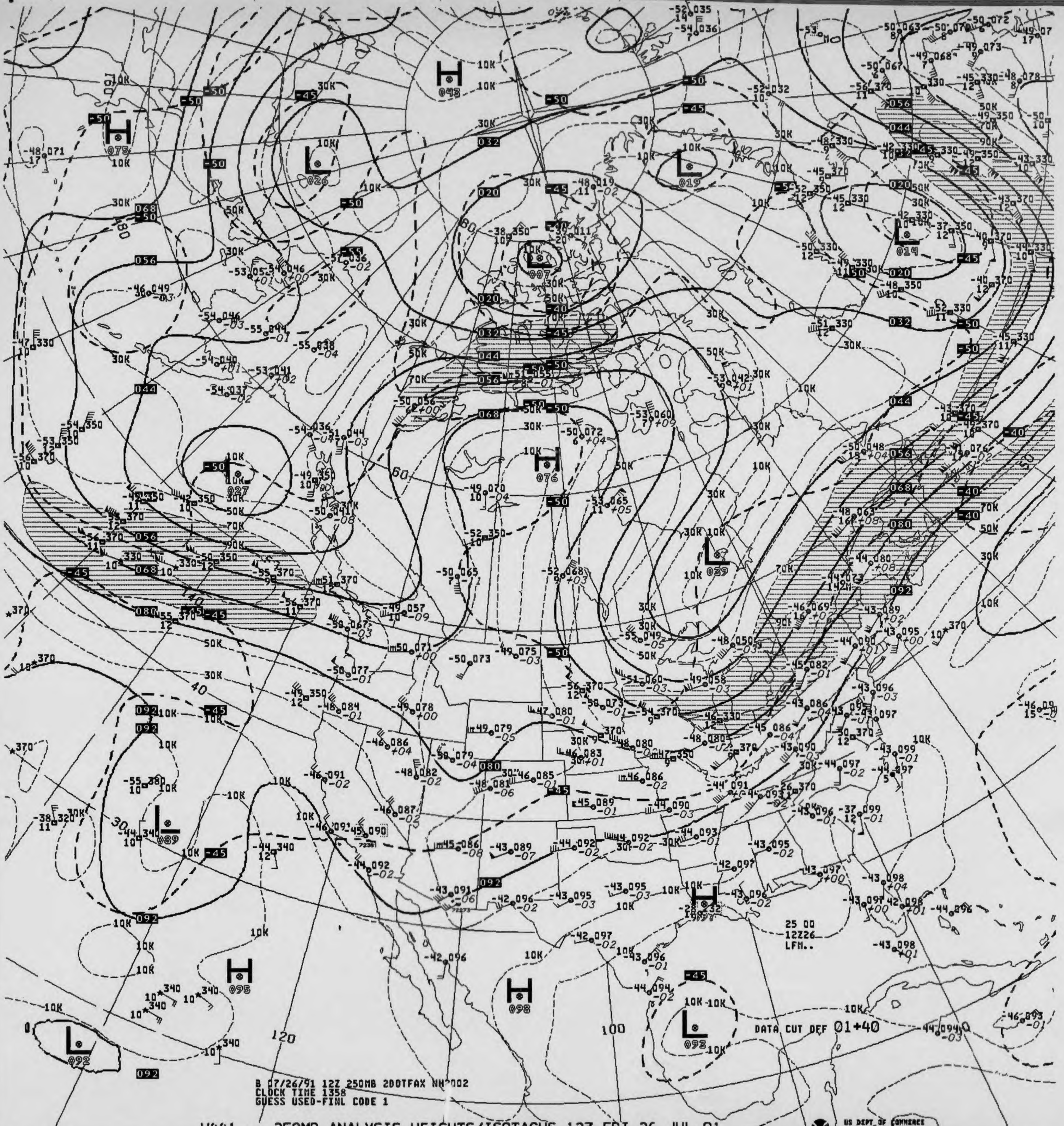
H
L
10K
30K
50K
70K
90K
110K
-45
-50
-55
-35
-40
044
032
020
008
056
068
080
092
180
140
120
100
80
60
40
30
079
026
022
025
046
021
071
094
096
093
092
090
091
102
25 00
12Z25
LFM

LAT/LONG 34N119W


B 07/26/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 139
GUESS USED-FINL CODE 1
DATA CUT OFF 01+26
25 00
00Z26
LFM..
H
078
L
023
H
041
L
024
L
005
L
021
H
047
L
027
L
041
L
041
H
097
H
100
L
096
L
092
160
140
120
100
-50
-45
-40
10K
30K
50K
70K
90K
110K

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 26 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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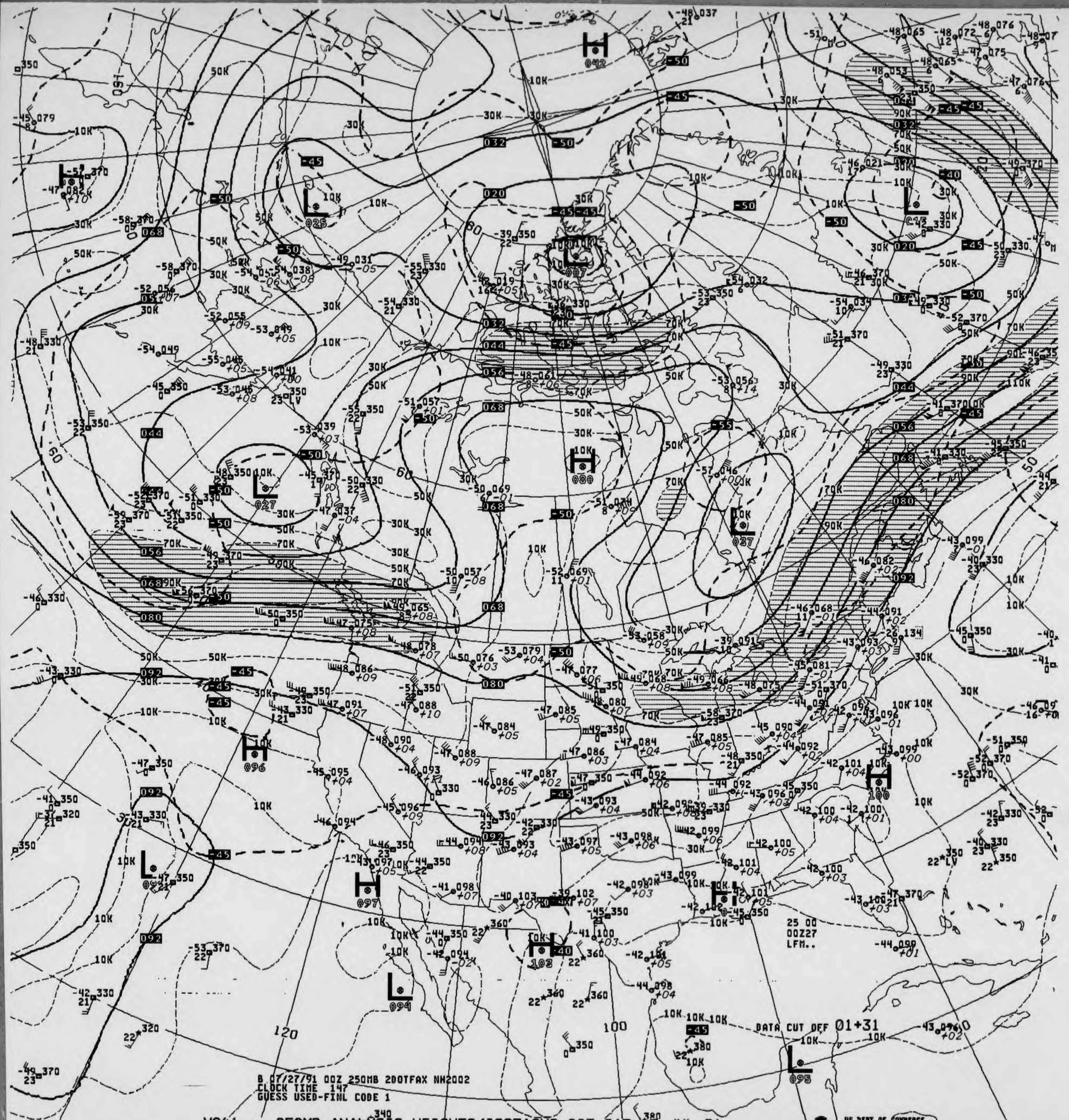
L 019
L 014
L 007
L 027
H 076
L 039
L 089
H 095
H 098
L 092
L 093
25 00
12Z26
LFM..
DATA CUT OFF 01+40

B 07/26/91 12Z 250MB 2D0TFAX NH?002
CLOCK TIME 1358
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 26 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/27/91 00Z 250MB 200TFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1
DATA CUT OFF 01+31
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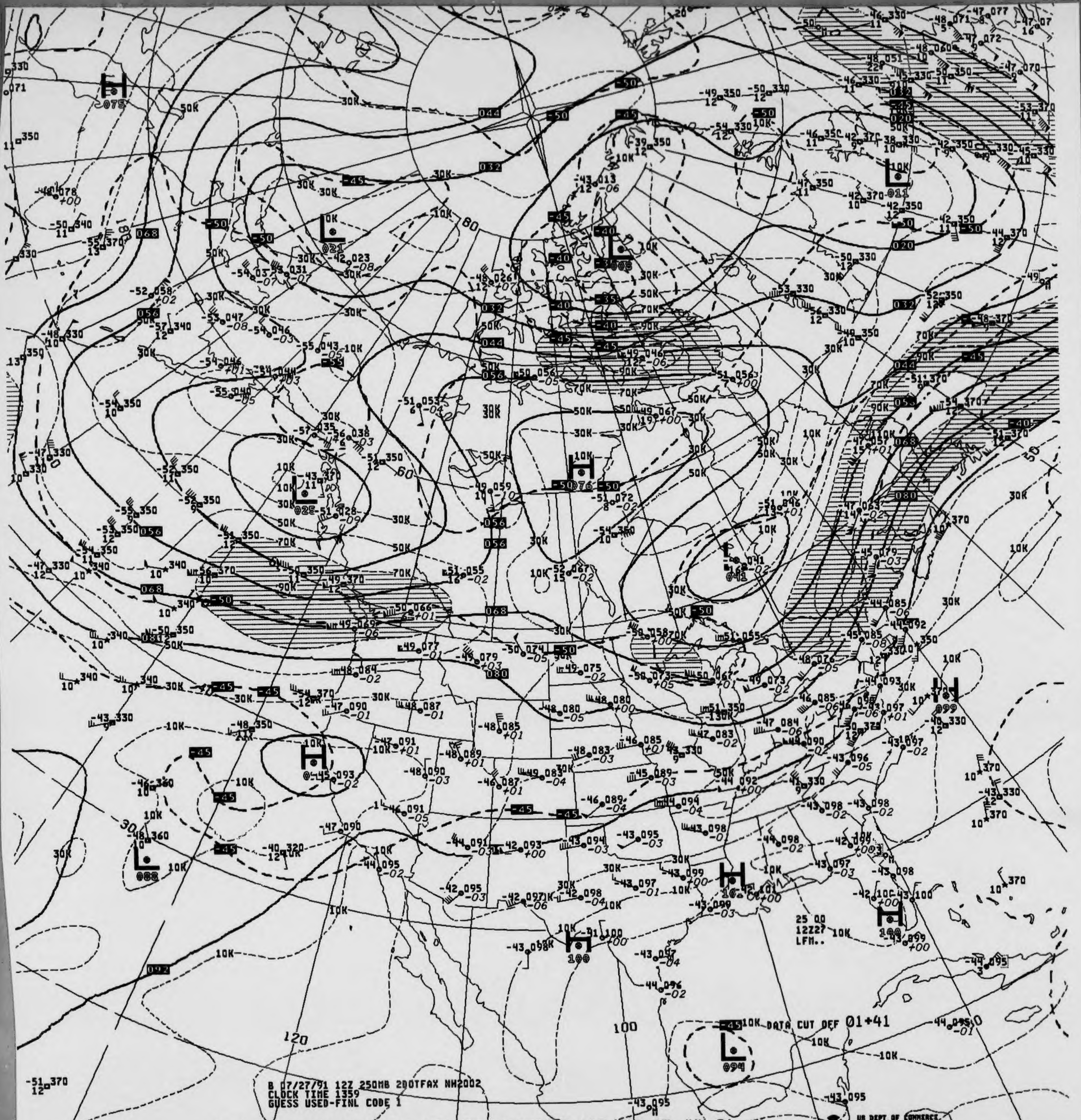
00Z27
LFM..

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 27 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/27/91 12Z 250MB 200TFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1
DATA CUT OFF 01+41
25 00
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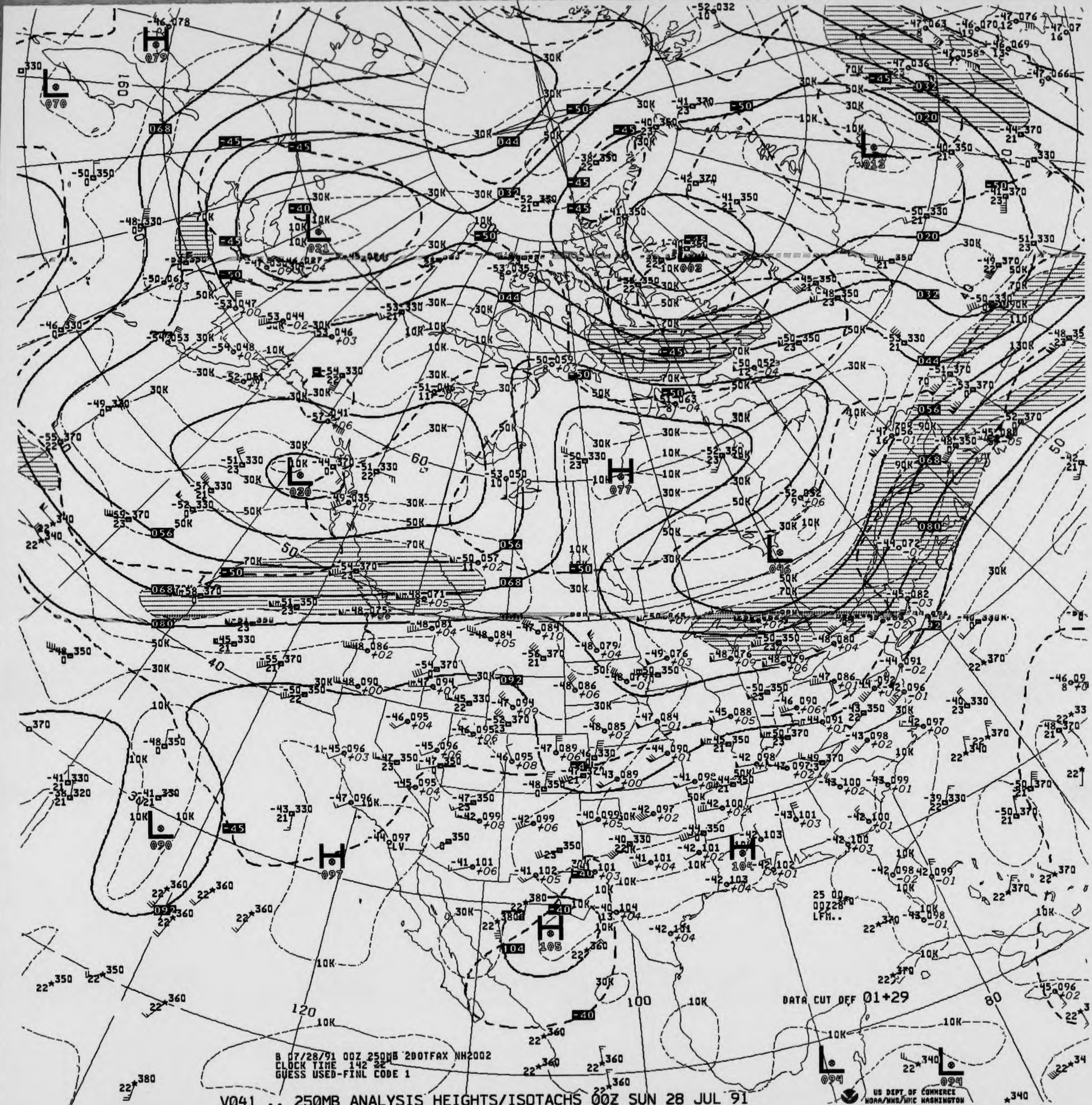
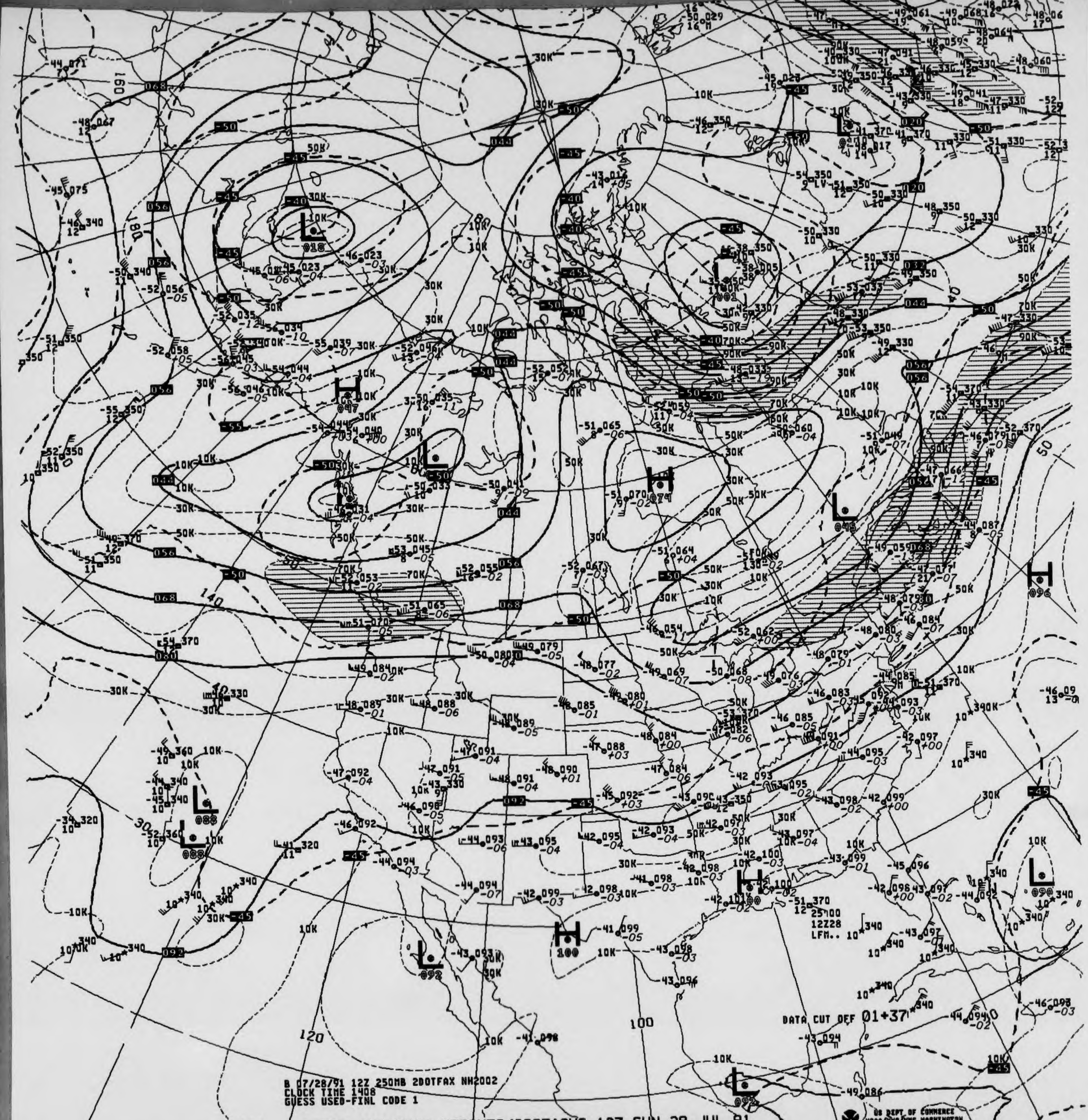
100

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 27 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/28/91 00Z 250MB 200TFAX NH2002
CLOCK TIME 142 22
GUESS USED-FINL CODE 1
DATA CUT OFF 01+29
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 28 JUL 91


B 07/28/91 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1408
GUESS USED-FINL CODE 1
DATA CUT OFF 01+37
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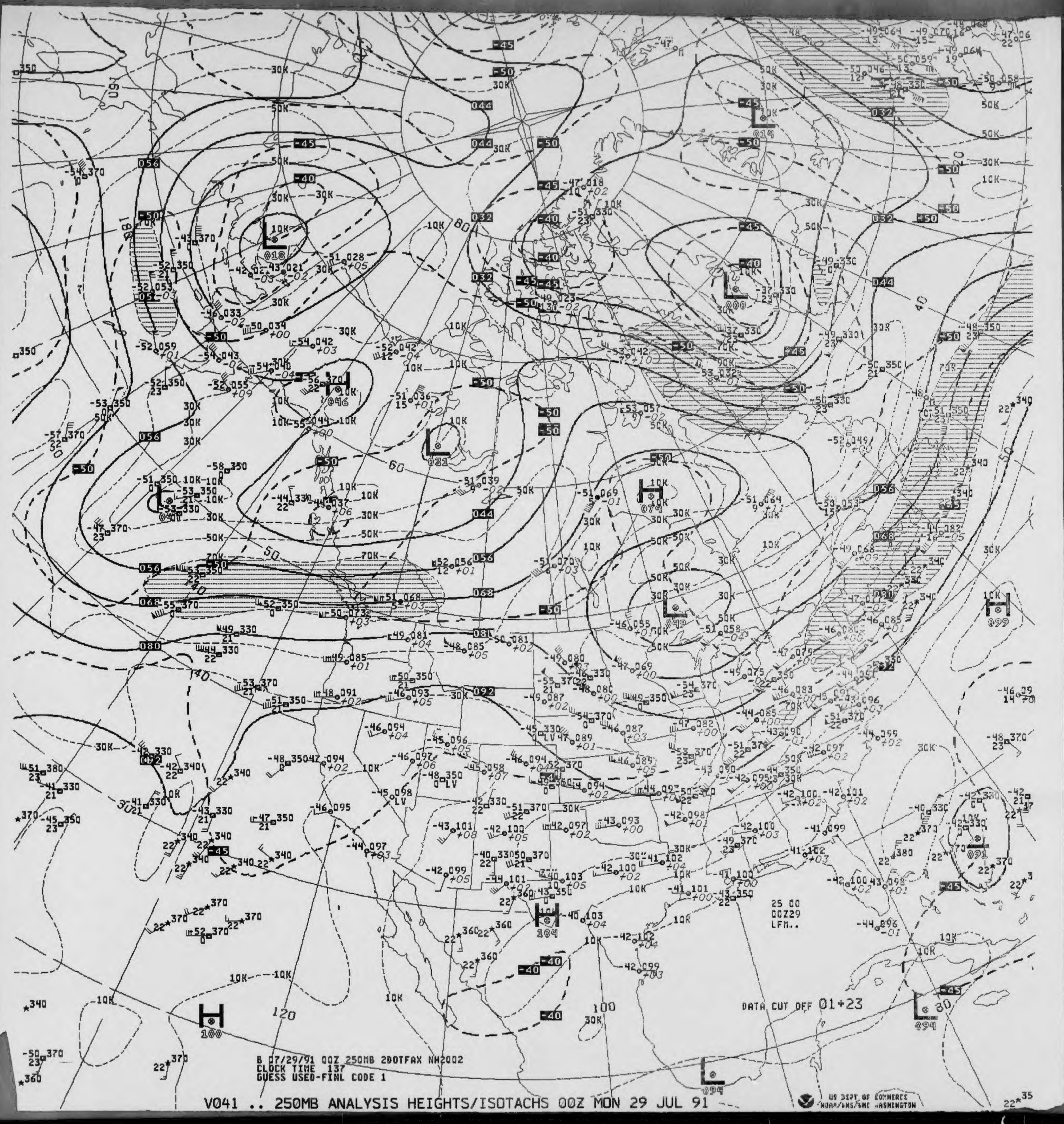
12Z28
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 28 JUL 91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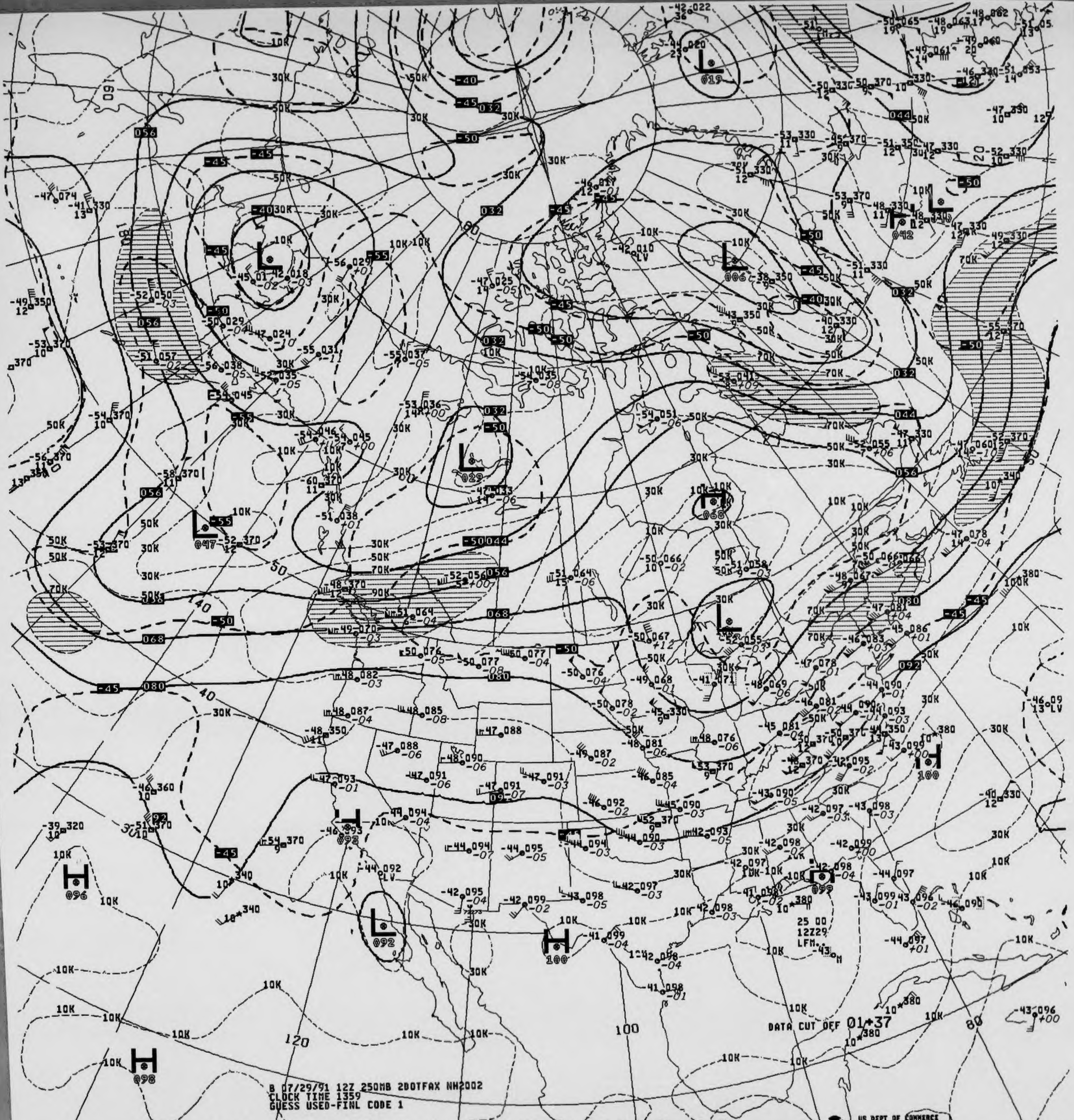
H 046
L 031
L 000
L 014
H 074
L 049
H 099
L 091
H 104
H 100
L 094
L 094
L 040
DATA CUT OFF 01+23
25 00
00Z29
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 07/29/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 137
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 29 JUL 91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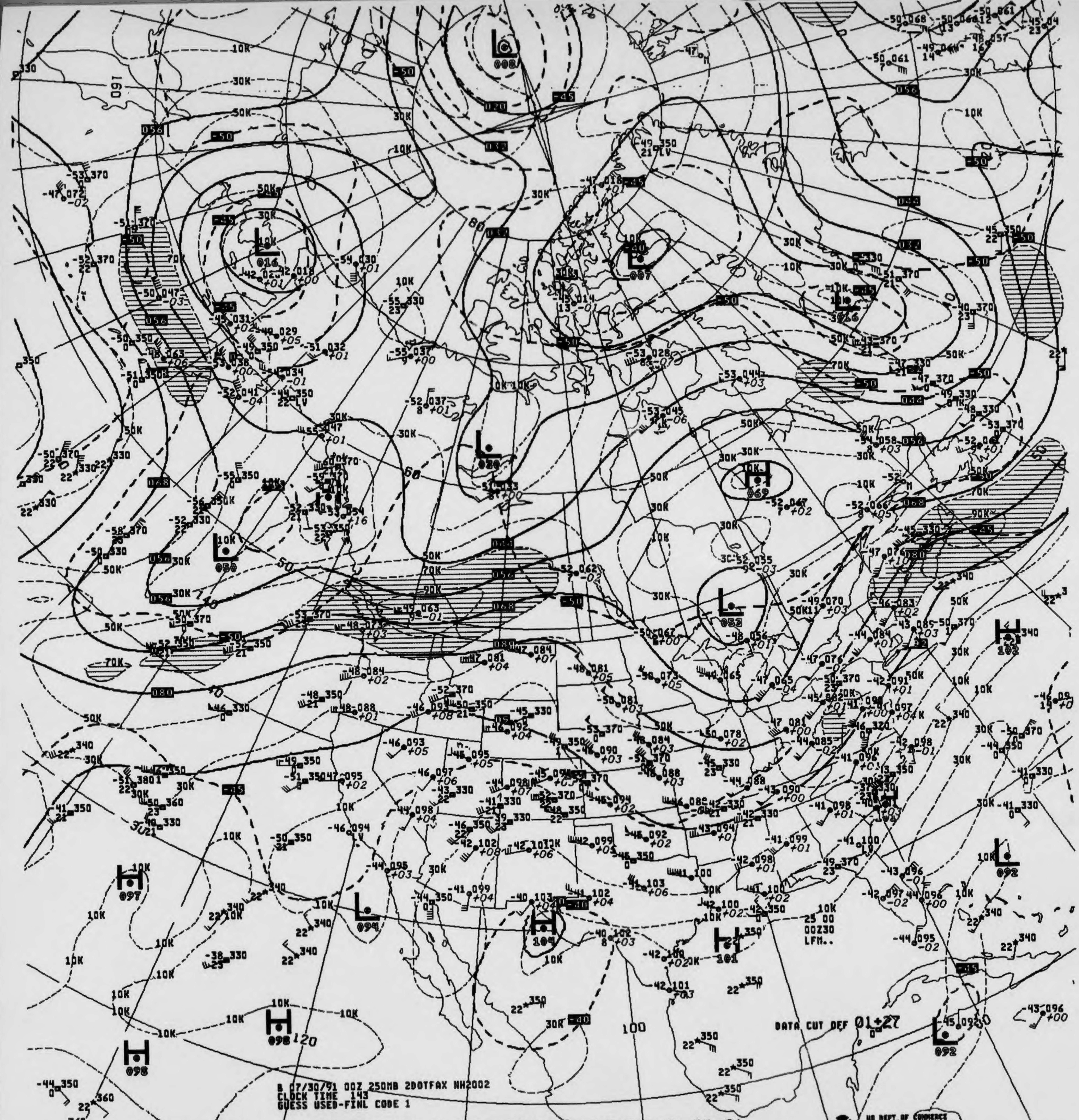
12Z29
LFM
B 07/29/91 12Z 250MB 2D0TFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 29 JUL 91


DATA CUT OFF 01+27
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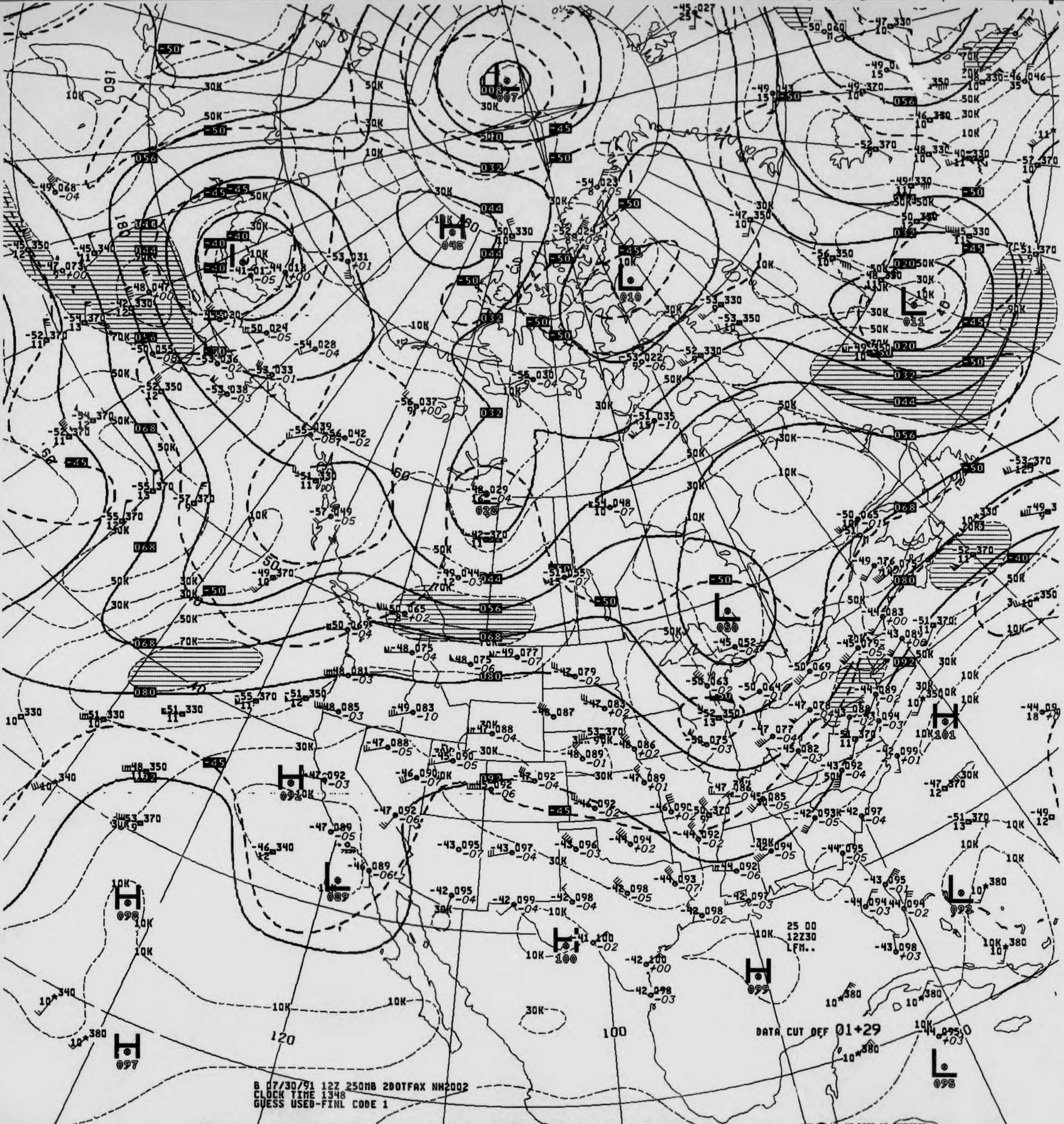
00Z30
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 07/30/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 143
GUESS USED-FINL CODE 1

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 30 JUL 91


DATA CUT OFF 01+29
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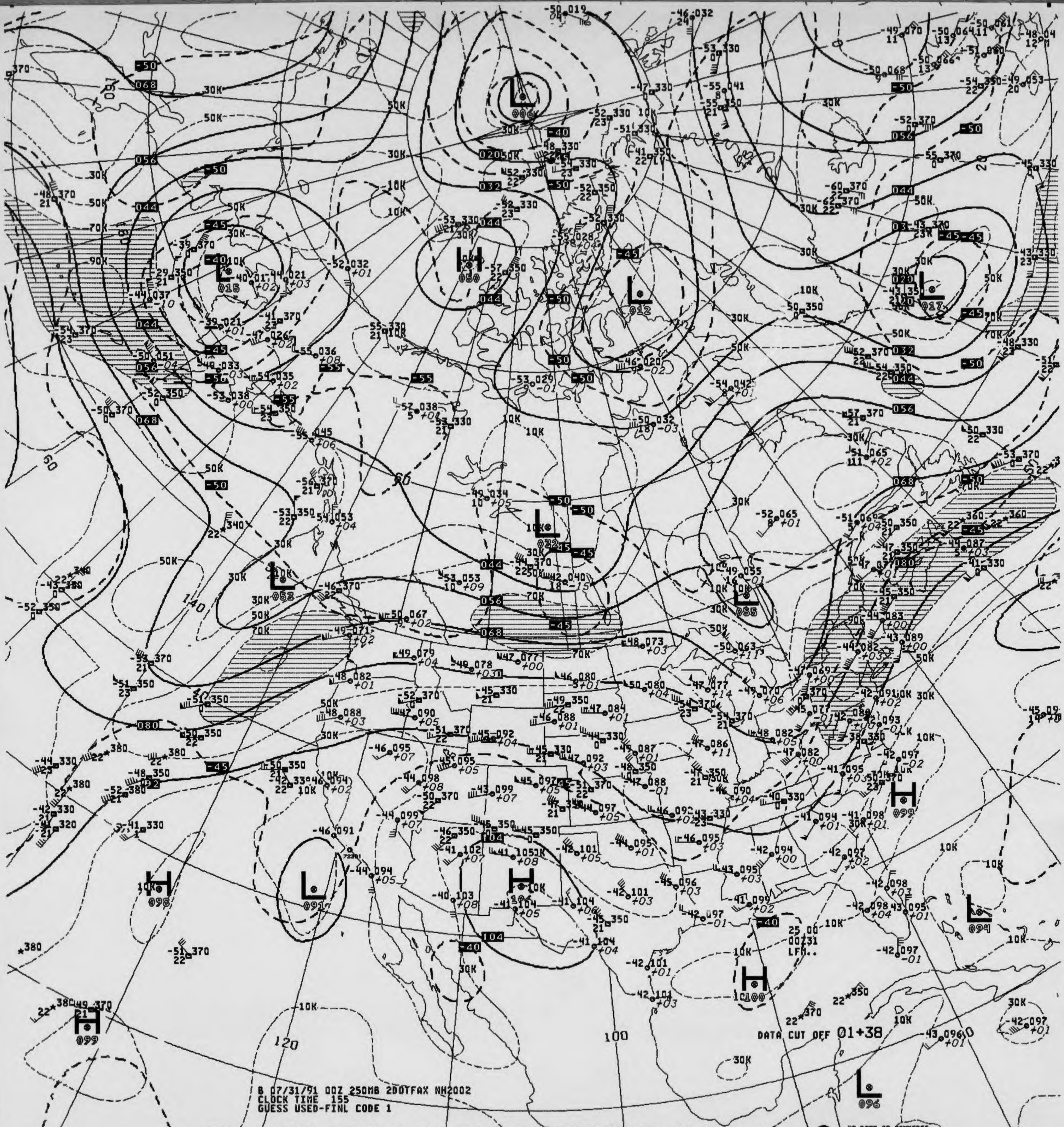
12Z30
LFM..
H
048
L
010
L
011
L
050
H
092
H
098
L
089
H
100
H
099
H
101
L
092
H
097
L
095
180
160
120
100
60
50
40

B 07/30/91 12Z 250MB 2DOTFAX NH2002
CLOCK TIME 1348
GUESS USED-FINL CODE 1

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 30 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

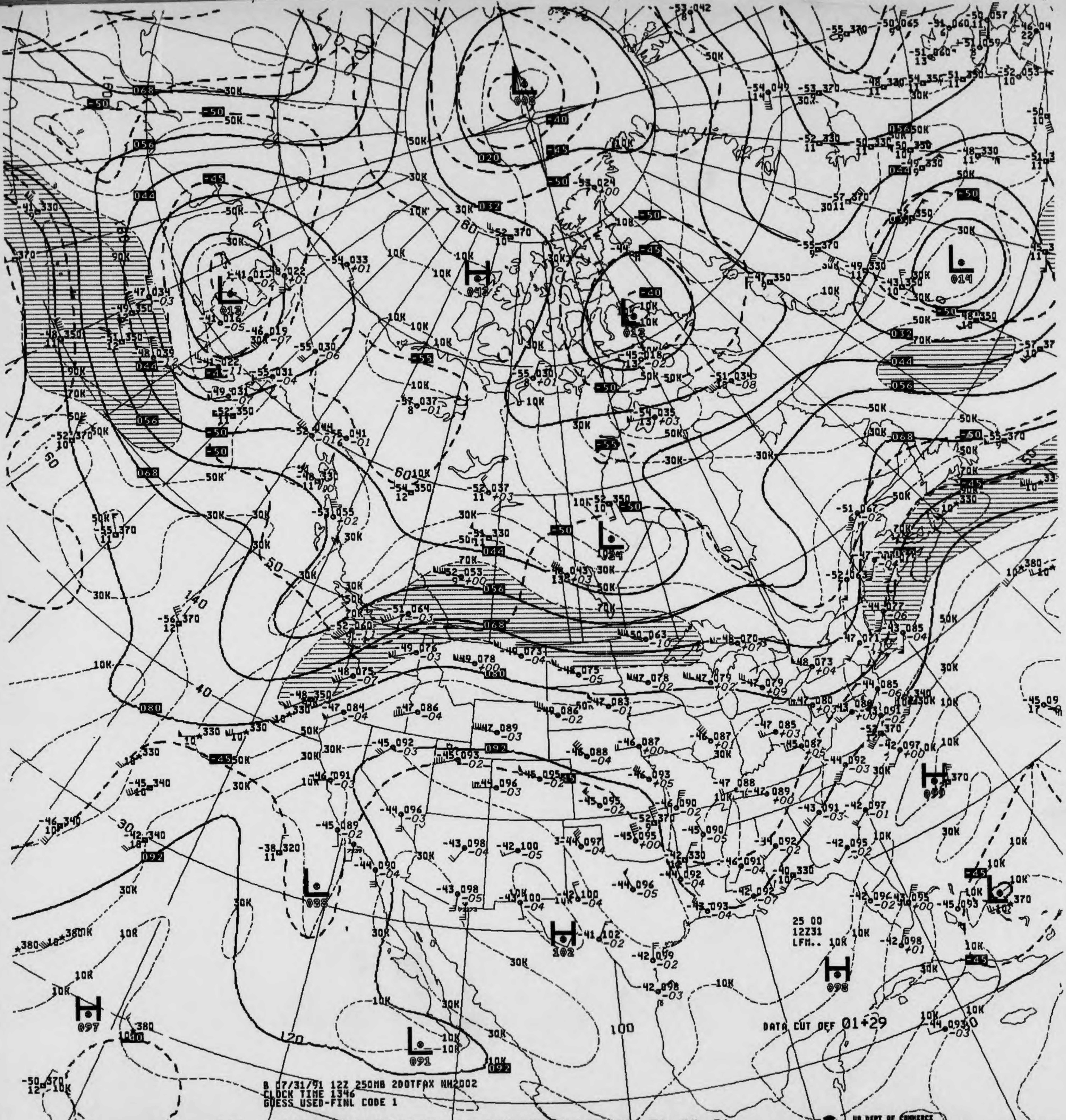


B 07/31/91 00Z 250MB 2DOTFAX NH2002
CLOCK TIME 155
GUESS USED-FINL CODE 1

DATA CUT OFF 01+38

V041 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 31 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/31/91 12Z 250MB 200TFAX NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1
DATA CUT OFF 01+29
25 00
12Z31
LFM..
H 097
L 091
L 088
H 102
H 098
H 099
L 102
L 024
L 012
L 013
L 014
L 008
H 012

V441 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 31 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

(Rev. 8 - 83)

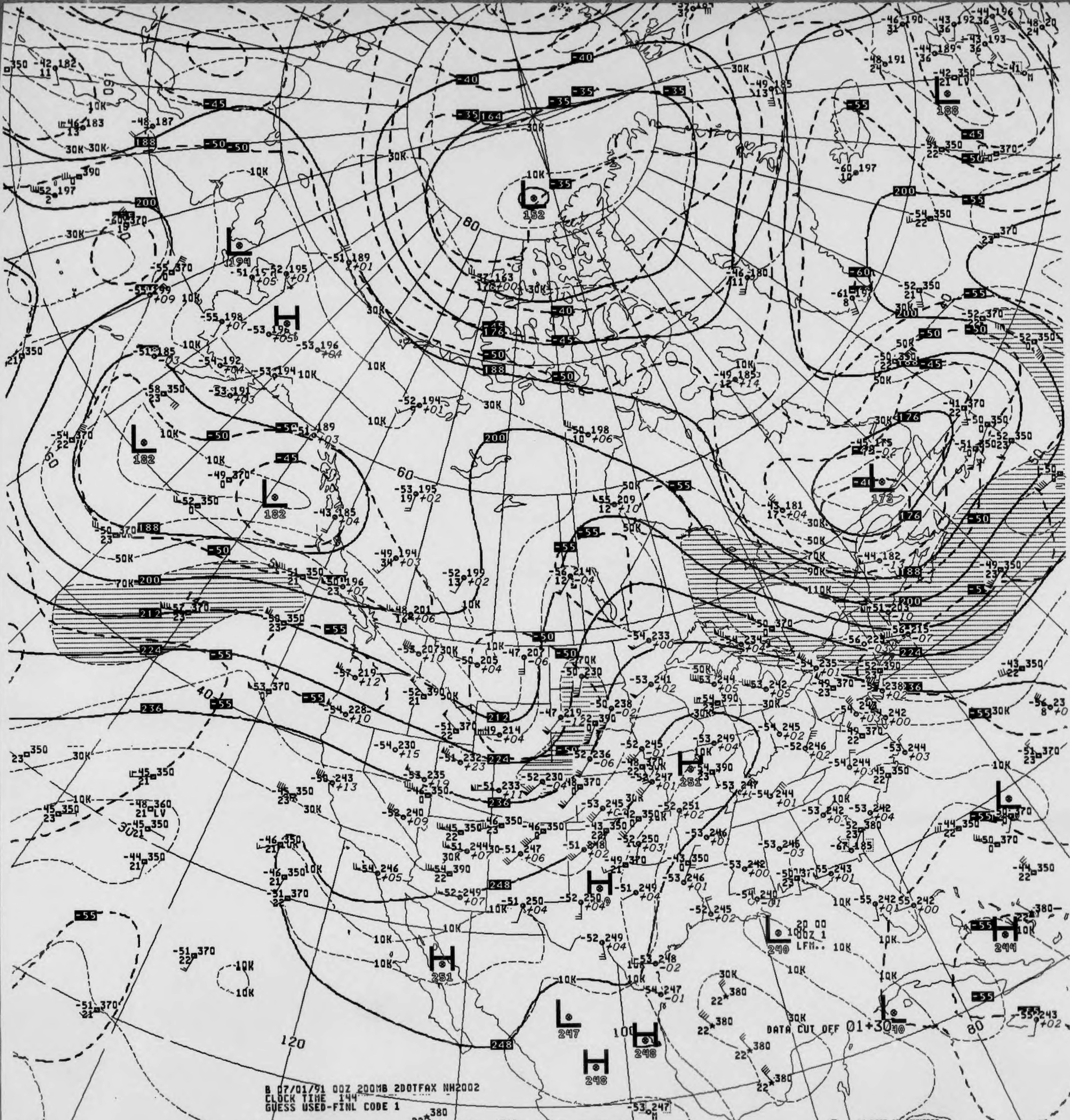
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information S
National Climatic Data Center

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

200 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING


DATA CUT OFF 01+30
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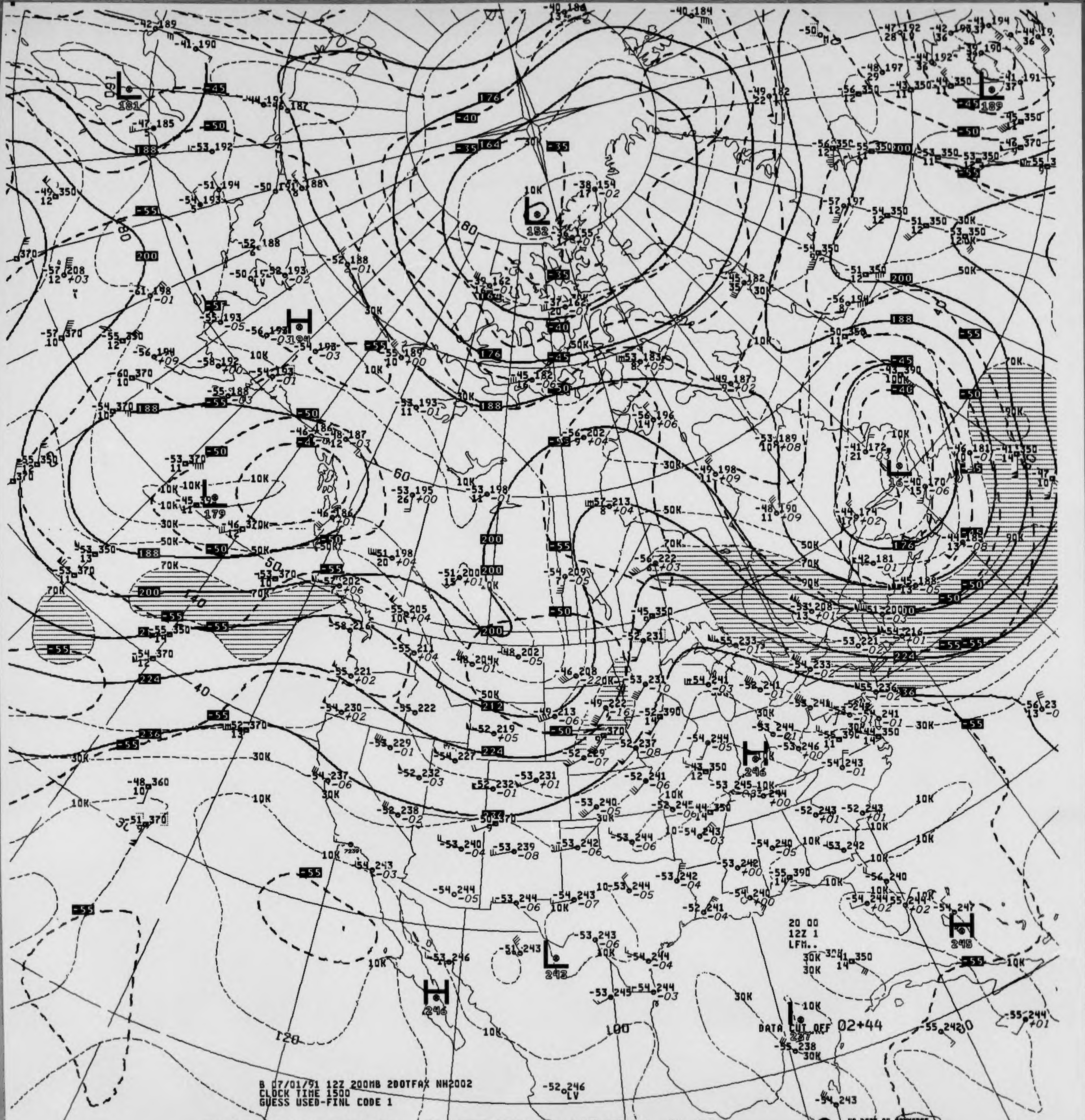
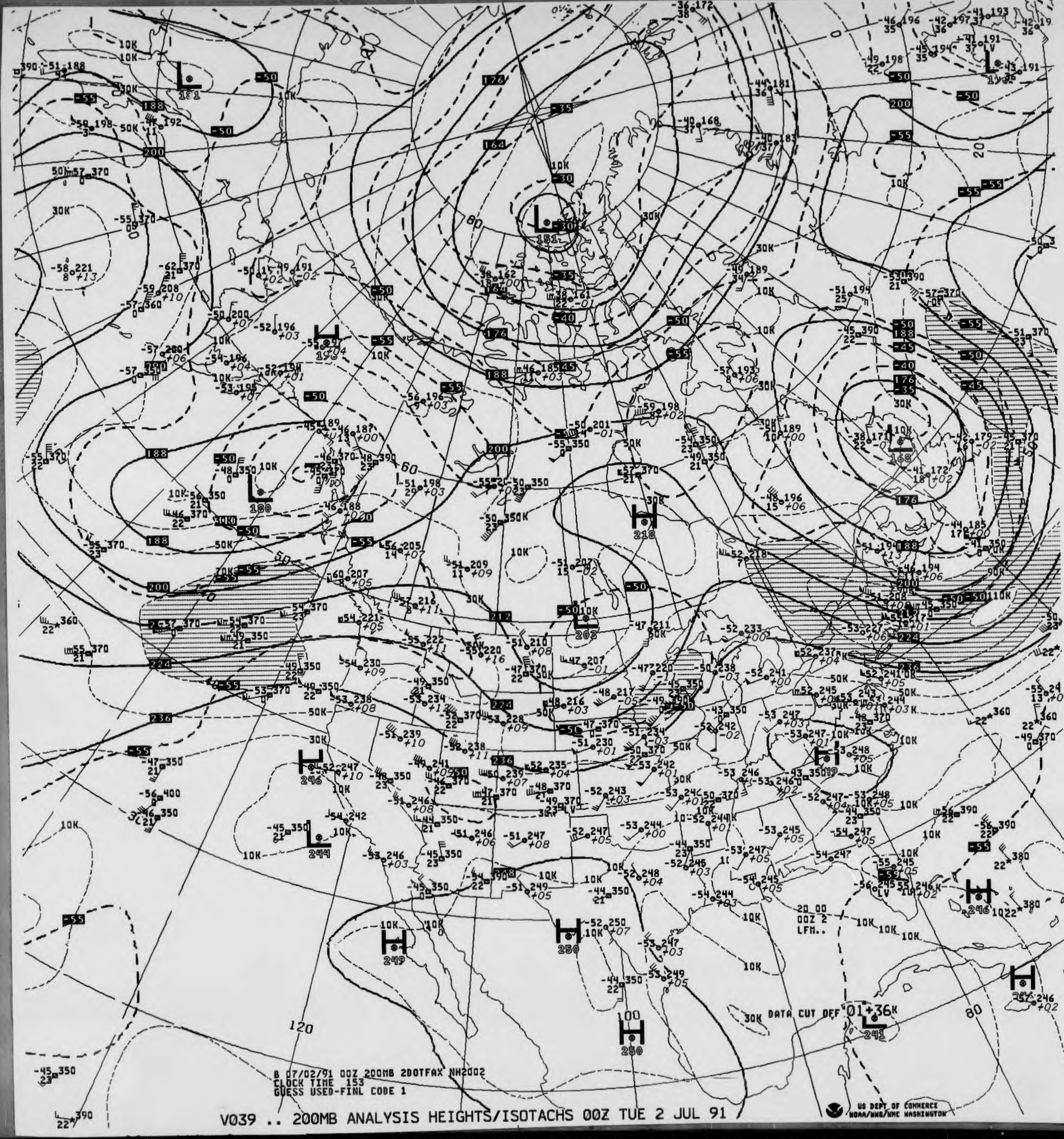
00Z 1
LFM.. 10K

B 07/01/91 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 144
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 1 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

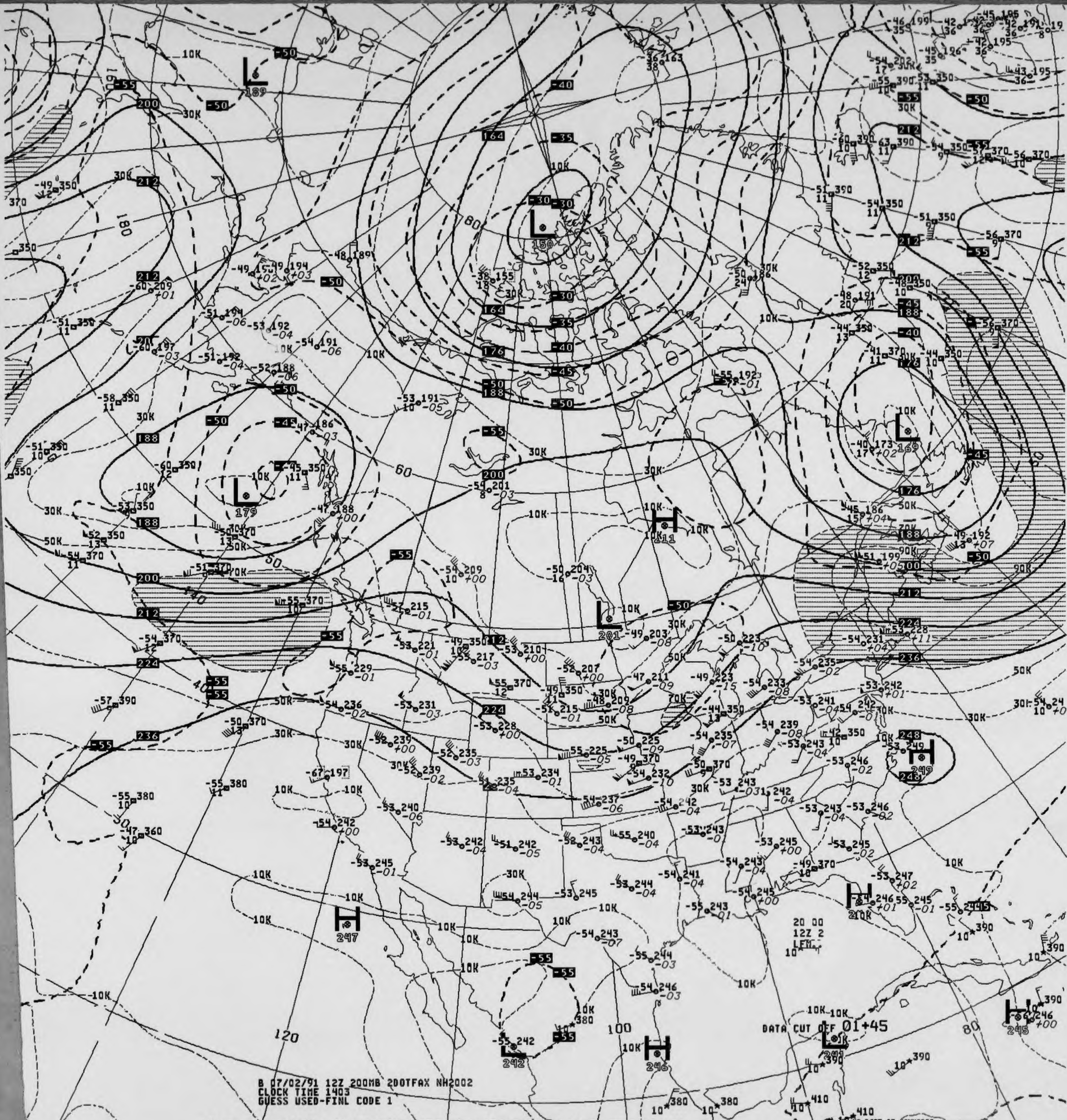



L 181
L 151
L 180
L 168
L 203
L 244
L 241
H 175
H 218
H 246
H 249
H 250
H 250
H 246
DATA CUT OFF 01+36
20 00
00Z 2
LFM..
120
100
80
60
50
40
20
0

B 07/02/91 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 153
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 2 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/02/91 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1403
GUESS USED-FINL CODE 1
DATA CUT OFF 01+45
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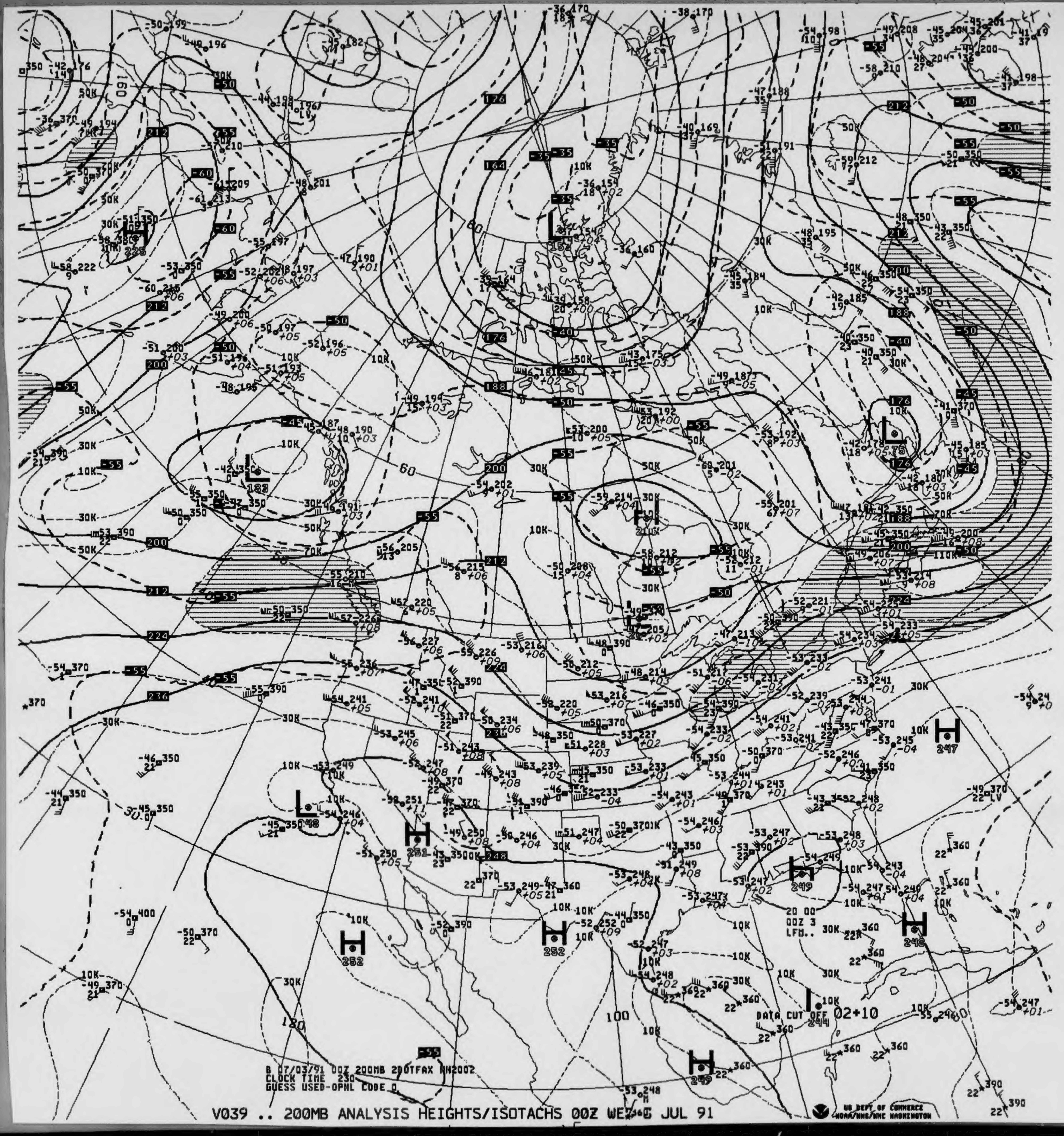
12Z 2
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
120
100
80
60
50
40
180
189
150
179
169
201
211
247
242
246
249
245

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 2 JUL 91


B 07/03/91 00Z 200MB 200TFAX RH2002
CLOCK TIME 230
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DATA CUT OFF 02+10
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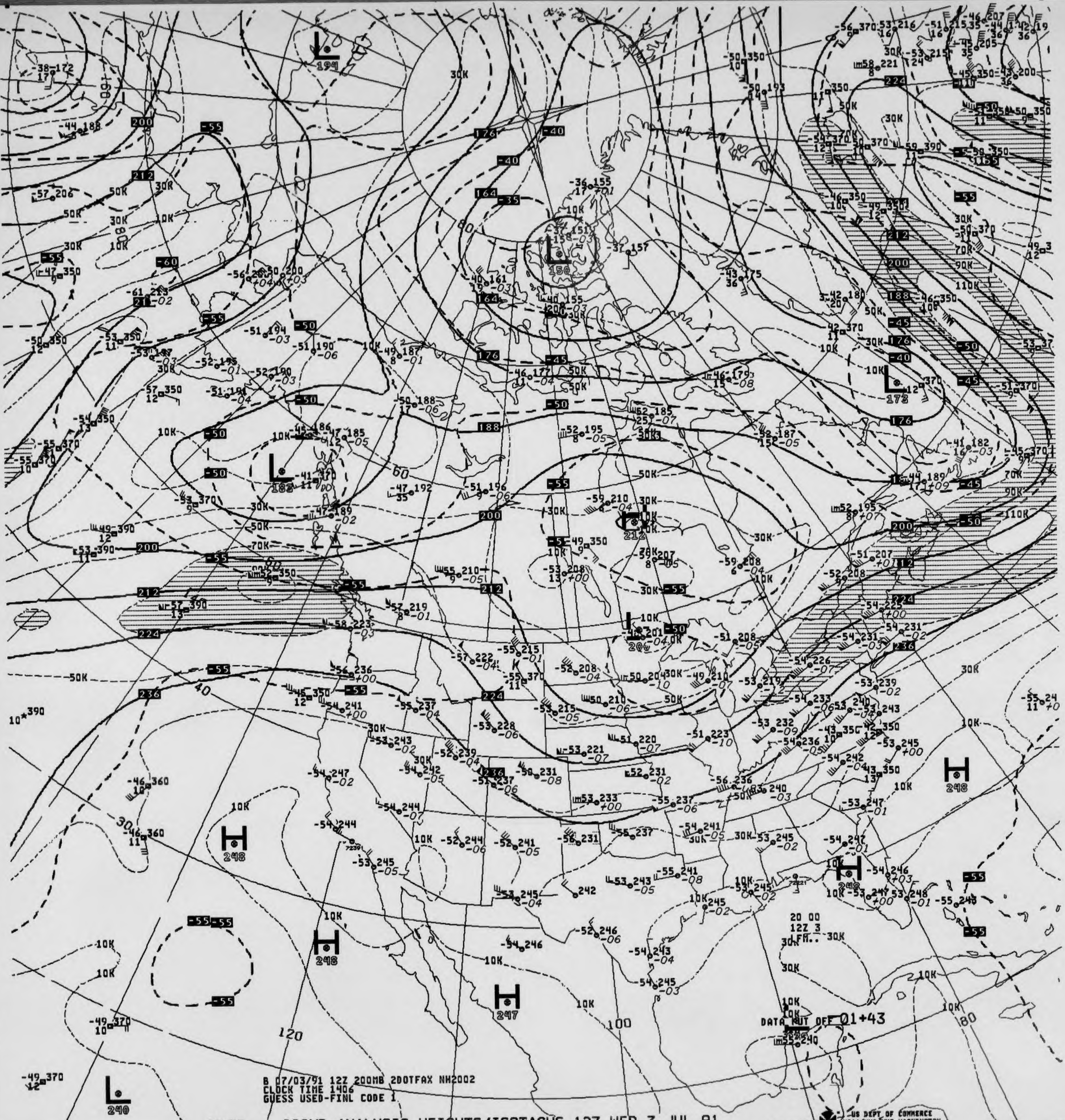
00Z 3
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
L
152
L
182
L
175
L
248
L
244
H
225
H
210
H
251
H
252
H
252
H
249
H
247
H
248
H
249
160
164
176
188
200
212
224
236
248
60
100
120
10K
30K
50K
70K
110K
-35
-40
-45
-50
-55
-60

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 3 JUL 91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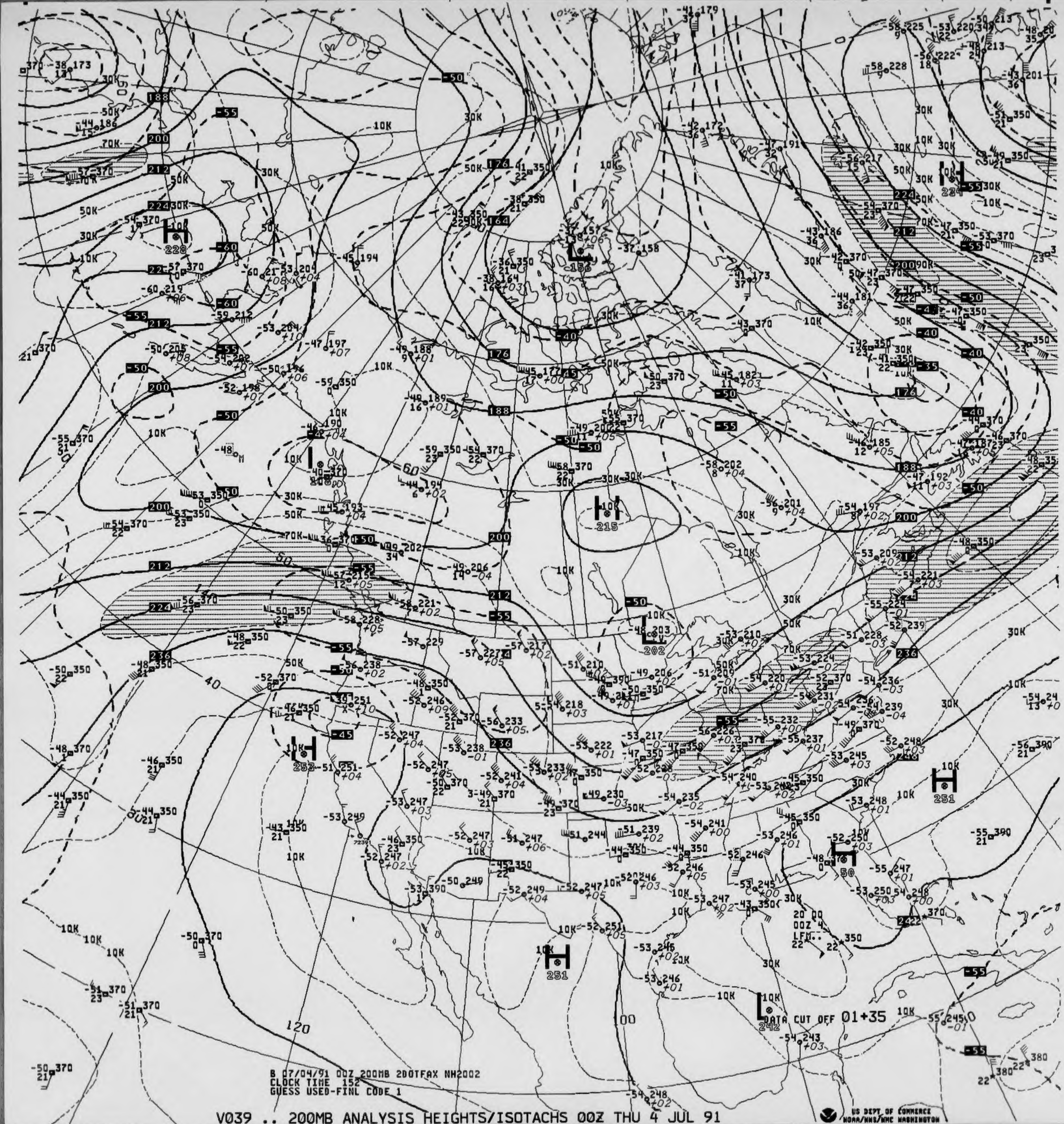
12Z 3
LFM..

B 07/03/91 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1406
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 3 JUL 91

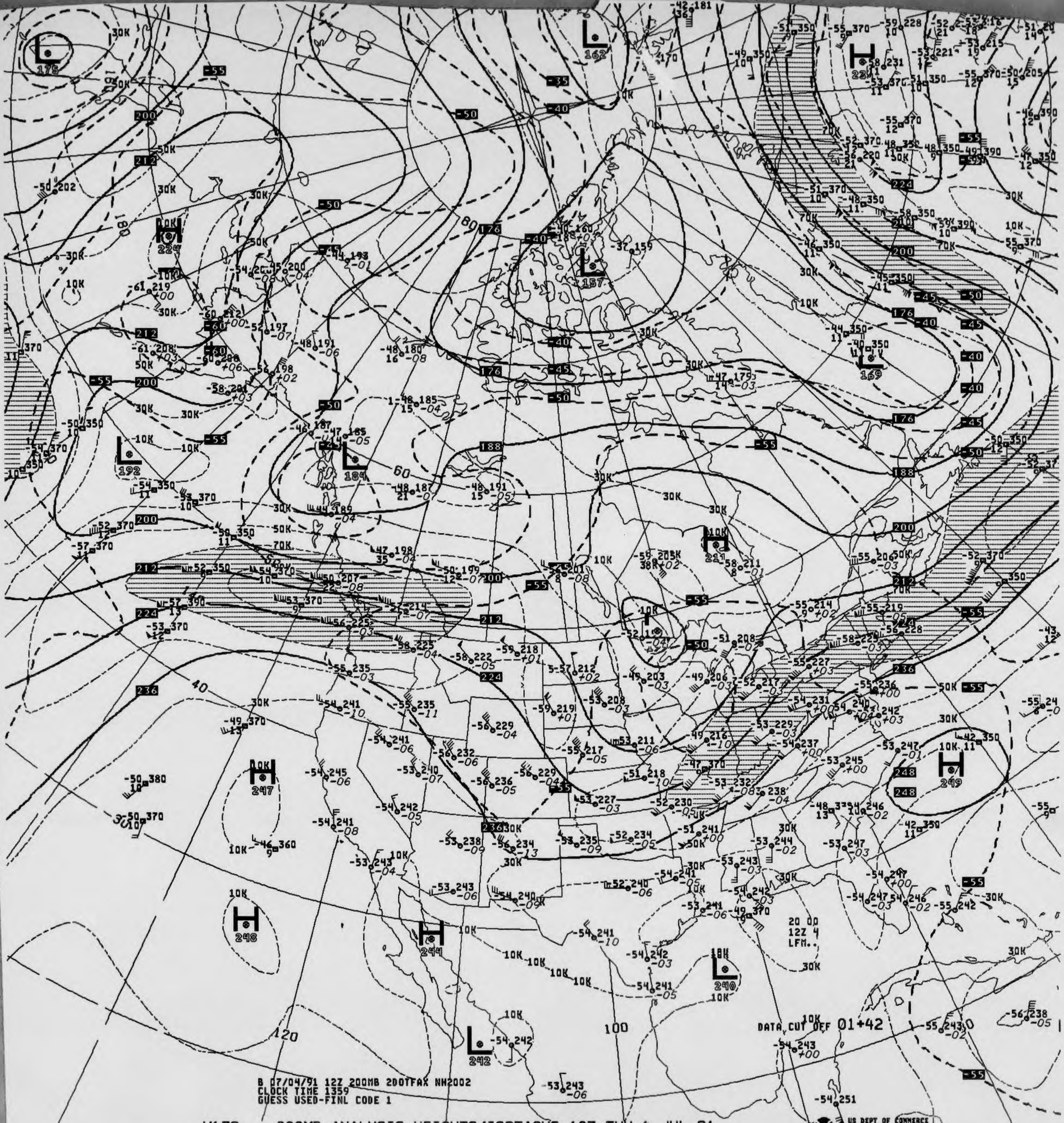
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+35
20 00
00Z 4
LFM..

B 07/04/91 00Z 200MB 200TFAX NH2002
CLOCK TIME 152
GUESS USED-FINL CODE 1

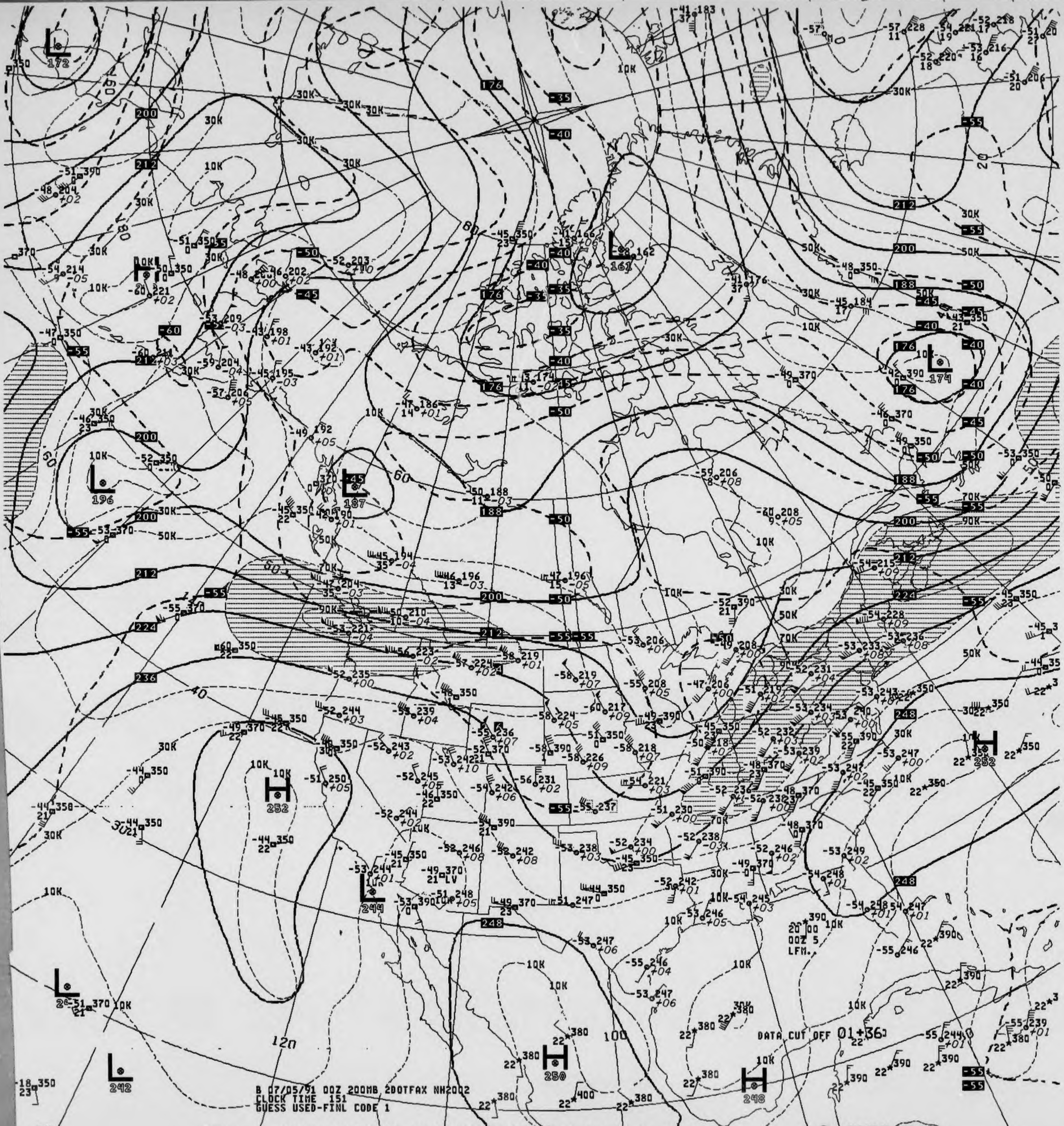
V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 4 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/04/91 12Z 200MB 200TFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1
DATA CUT OFF 01+42
20 00
12Z 4
LFM..
L 175
L 162
H 231
L 157
H 224
L 169
L 192
L 184
H 211
H 247
H 249
H 248
H 244
L 240
L 242
-55
-50
-45
-40
-35
-60
200
212
224
236
248
176
188
10K
30K
50K
70K
40
60
80
100
120
180

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 4 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/05/91 00Z 200MB 200TFAX NH2002
CLOCK TIME 151
GUESS USED-FINL CODE 1
DATA CUT OFF 01+36
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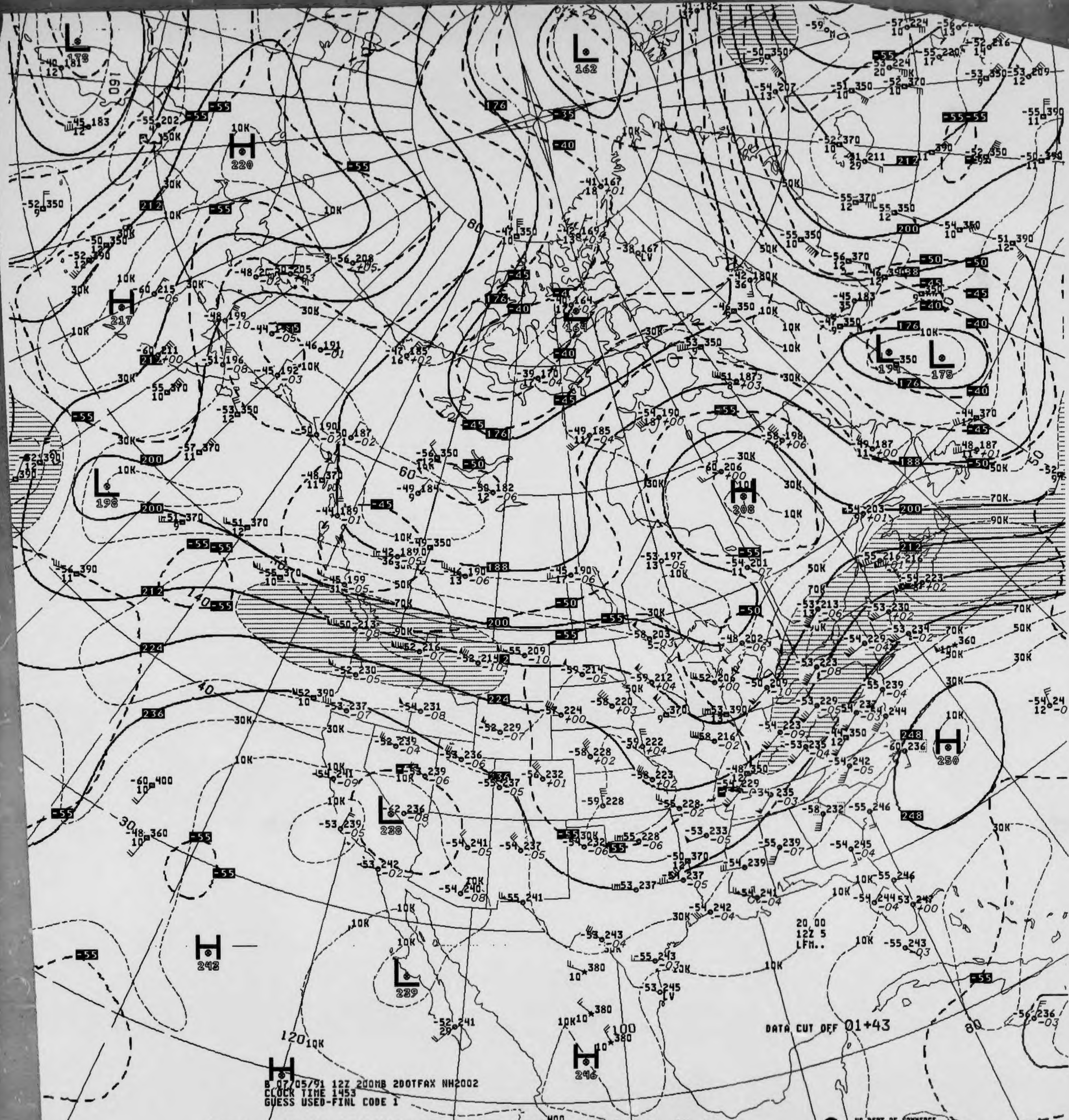
00Z 5
LFM.
L 172
L 161
L 174
L 196
L 187
L 244
L 242
H 252
H 252
H 250
H 248
30K
10K
50K
70K
90K

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 5 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/05/91 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1453
GUESS USED-FINL CODE 1
DATA CUT OFF 01+43
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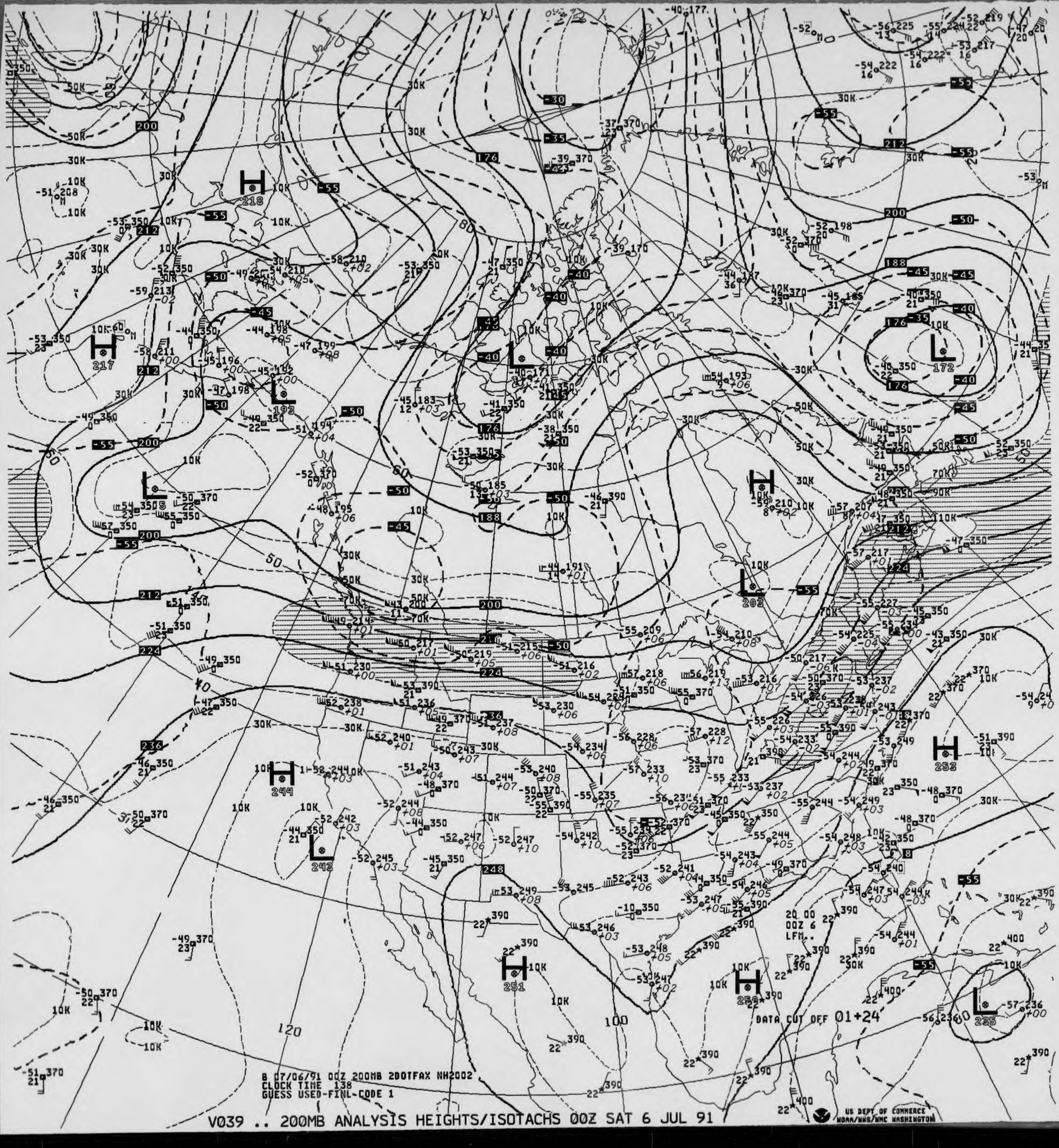
LFM..

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 5 JUL 91

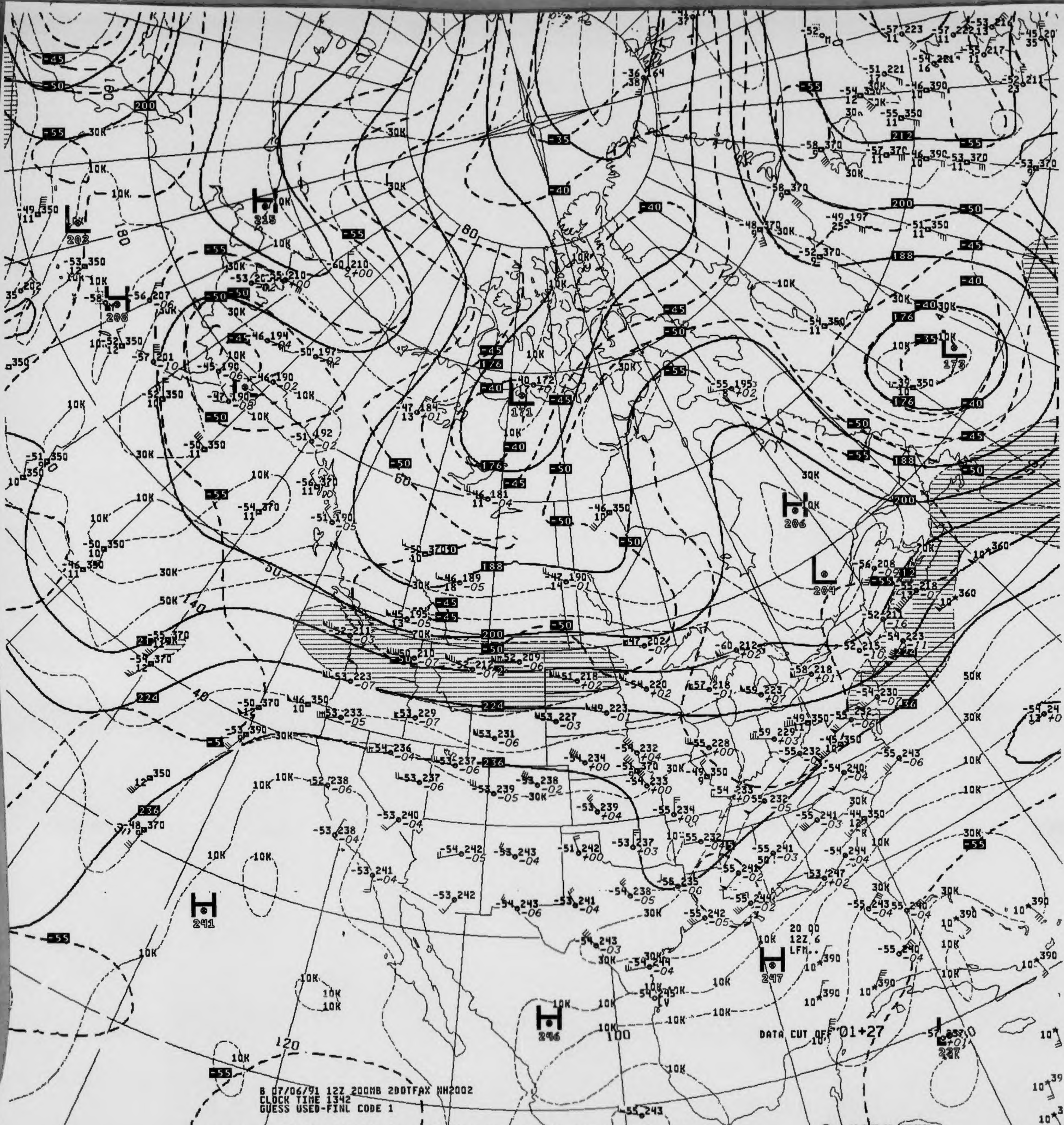
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 218
H 217
L 193
L 195
H 210
L 202
L 172
H 244
L 242
H 251
H 250
H 253
L 235
DATA CUT OFF 01+24
20.00
00Z 6
LFM.

B 07/06/91 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 138
GUESS USED-FINL-CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 6 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+27
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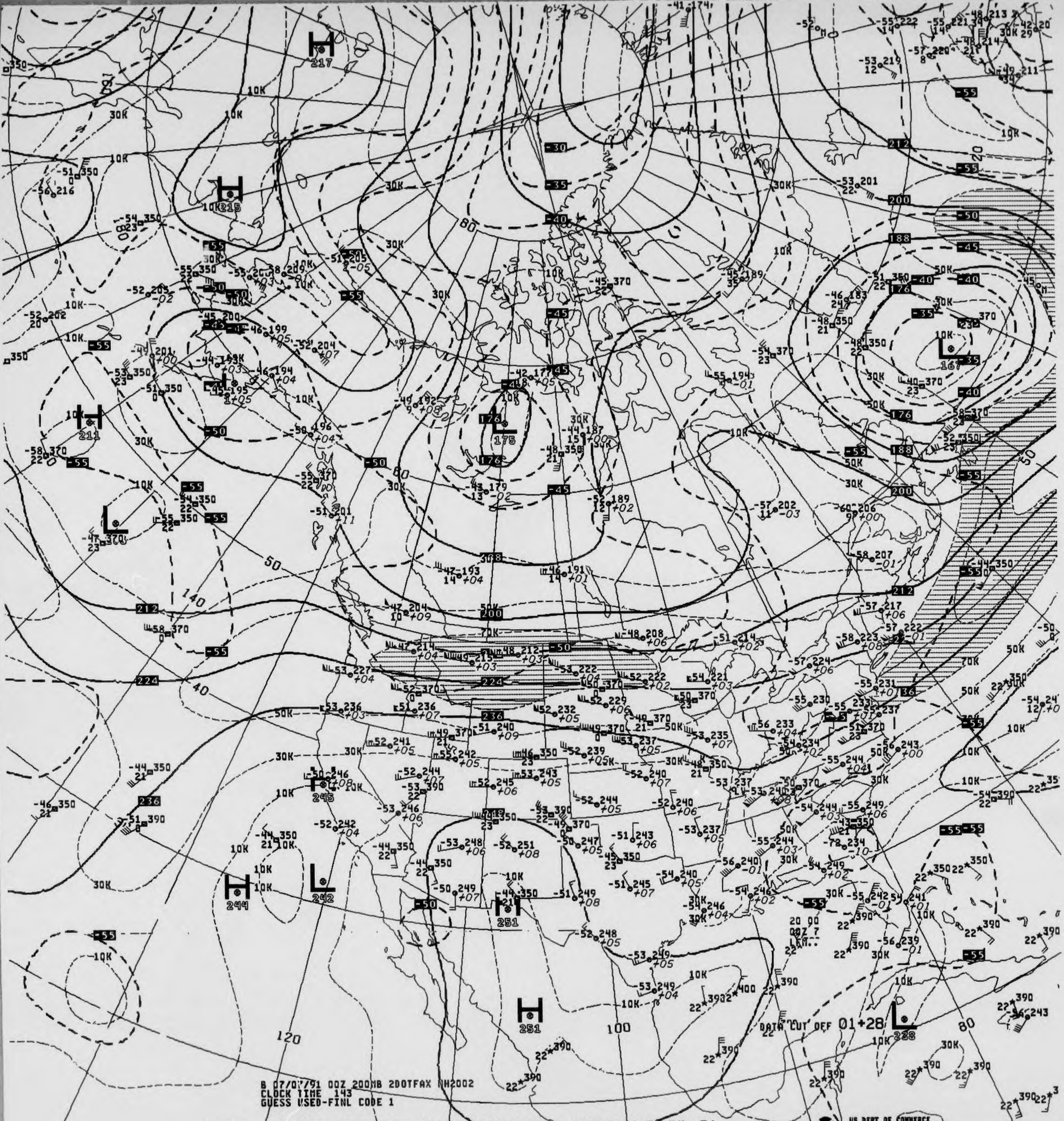
12Z 6
LFM..

B 07/06/91 12Z 200MB 2D0TFAX NH2002
CLOCK TIME 1342
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 6 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+28
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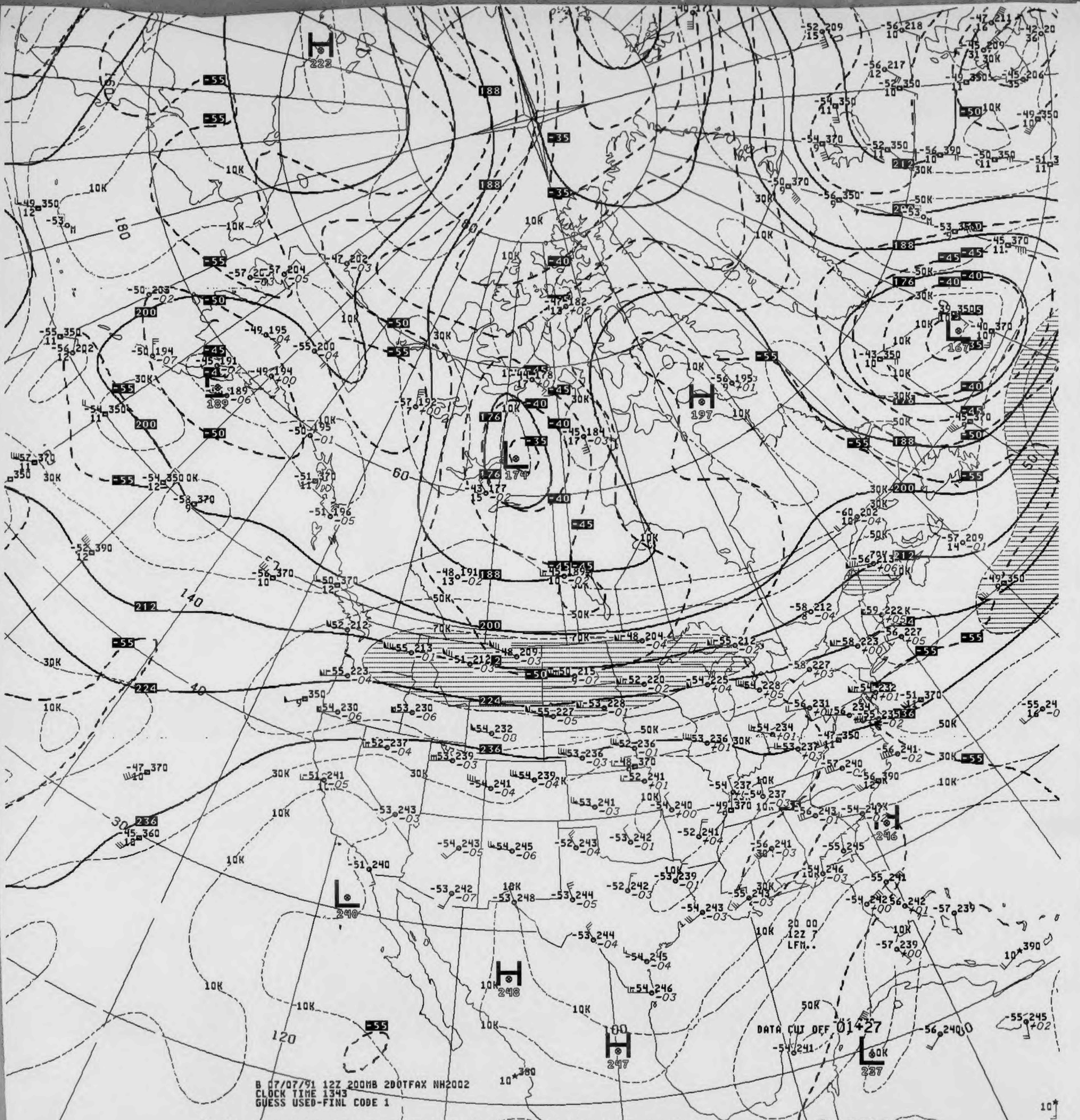
00Z 7
LEM..

B 07/07/91 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 143
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 7 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 223
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30
10K
30K
50K
70K
-55
-50
-45
-40
-35

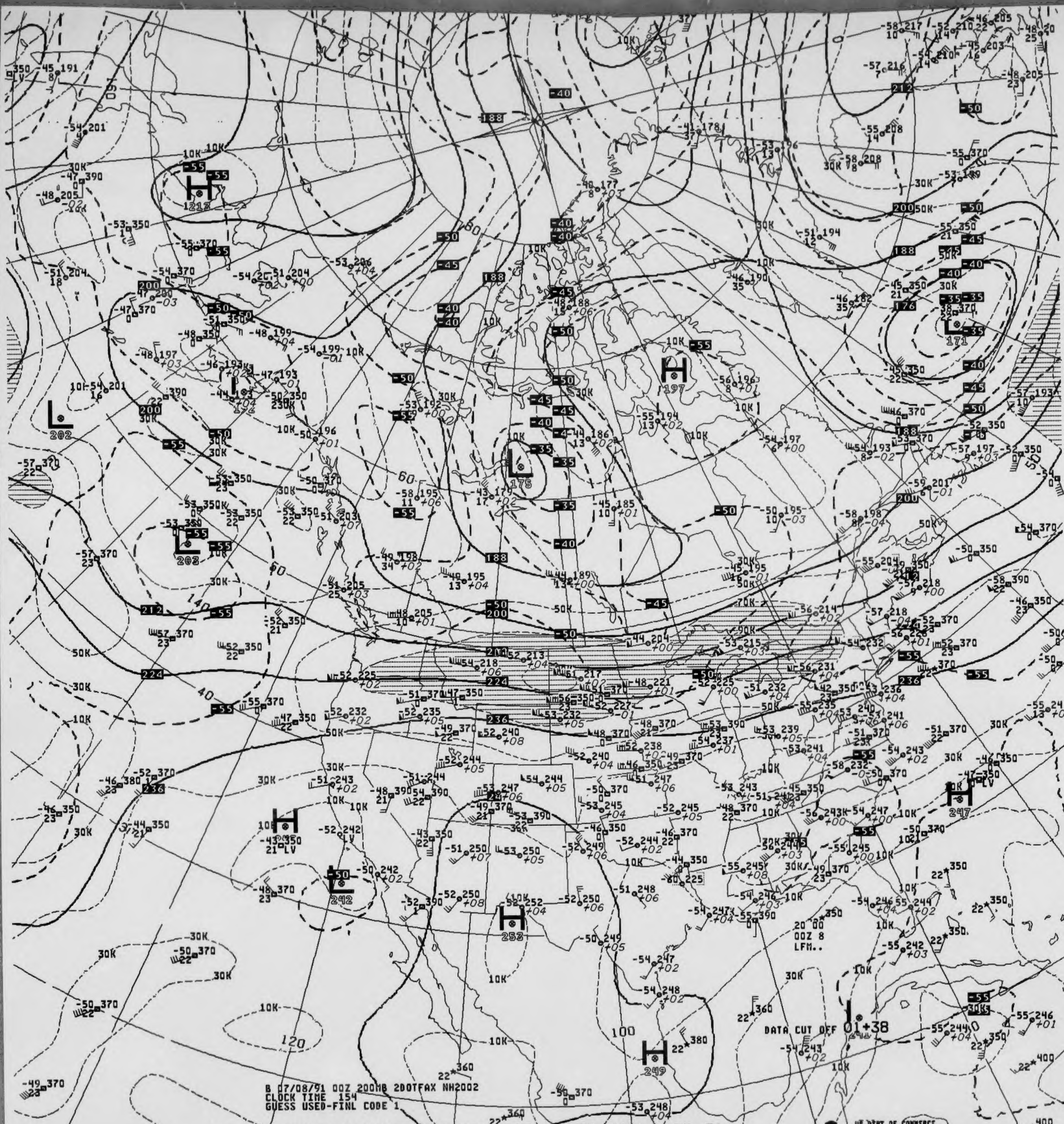
B 07/07/91 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1343
GUESS USED-FINL CODE 1

DATA CUT OFF 01427

20 00
12Z 7
LFM..

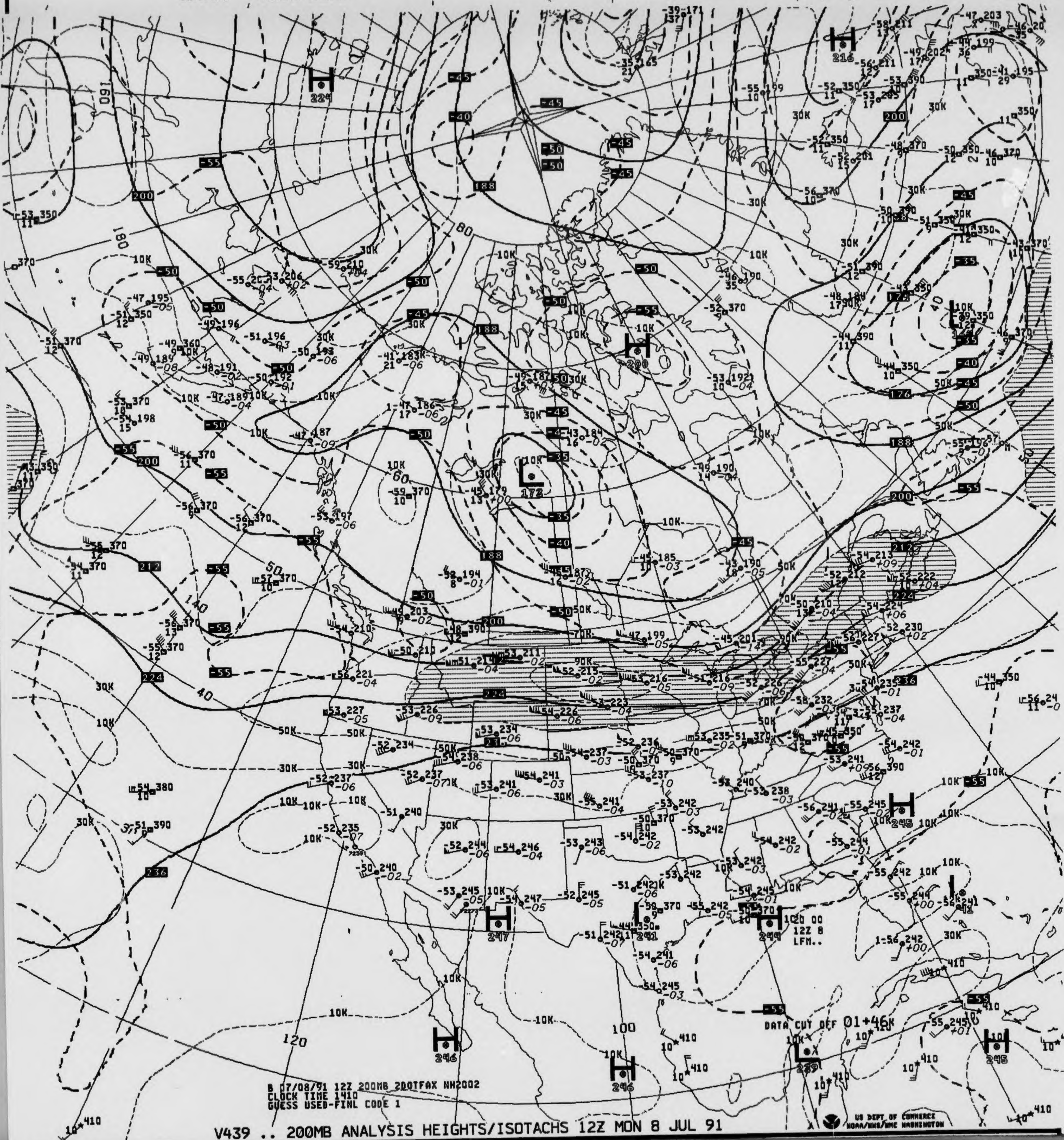
V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 7 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/08/91 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 154
GUESS USED-FINL CODE 1
DATA CUT OFF 01+38
20 00
00Z 8
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 8 JUL 91

LAT/LONG 34N119W 31N110W



DATA CUT OFF 01+46

100 00 12Z 8 LFM..

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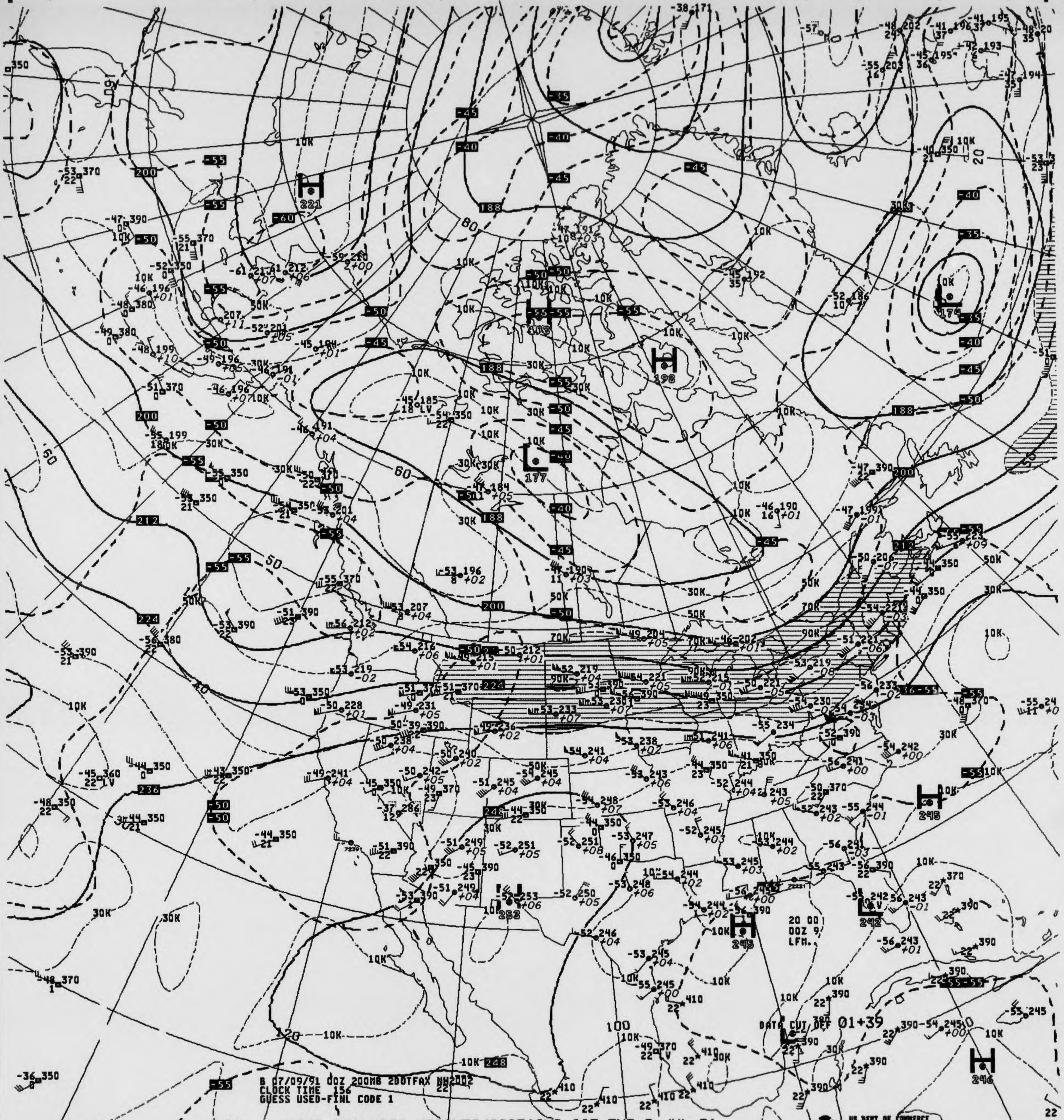
CLOCK TIME 1410
GUESS USED-FINL CODE 1

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 8 JUL 91

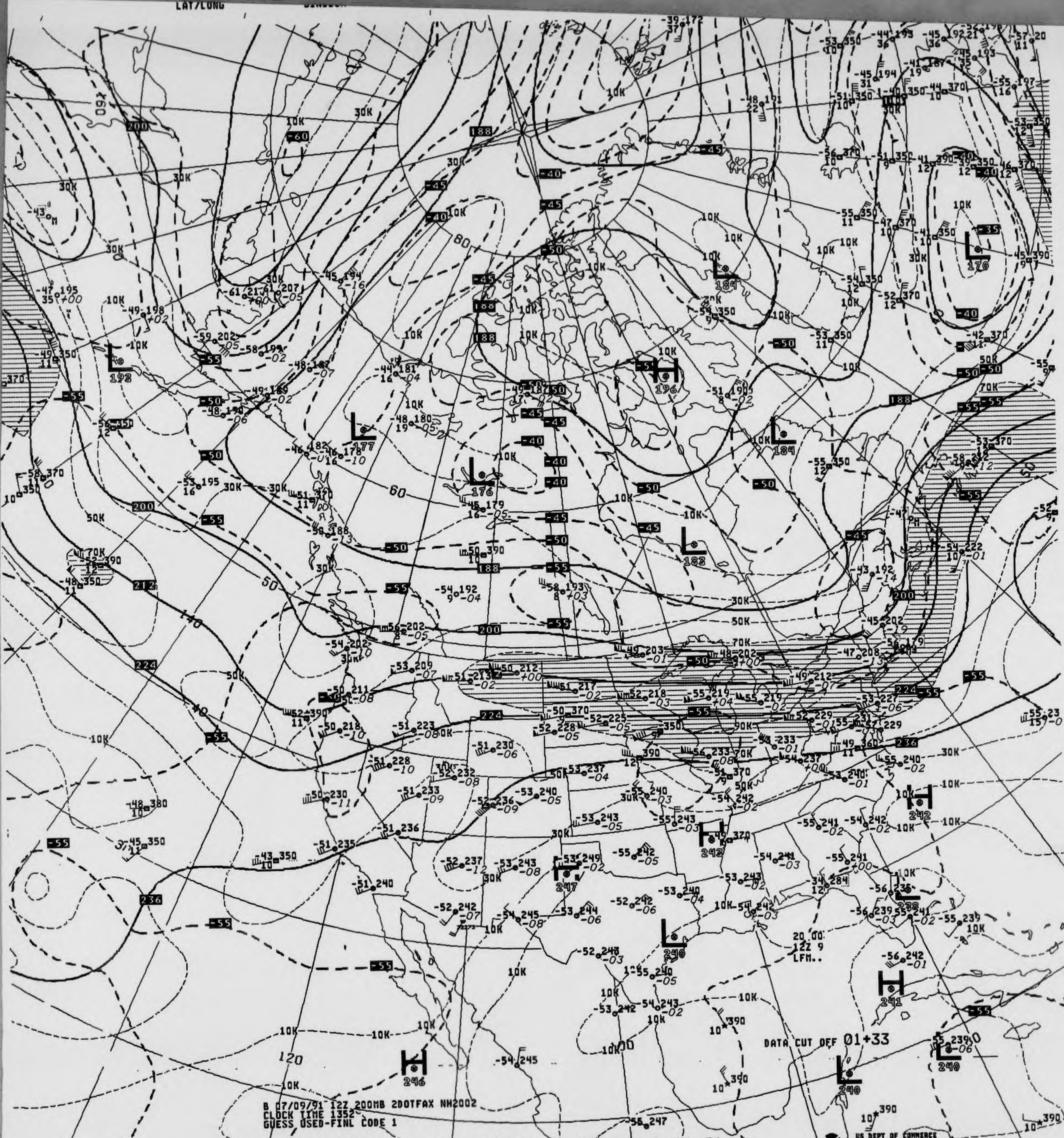
LAT/LONG 30N086W 34N119W


H 221
L 177
H 198
L 174
H 245
H 252
H 243
L 242
H 246
188
200
212
224
236
248
80
60
50
40
100
120
10K
30K
50K
70K
90K
-35
-40
-45
-50
-55
-60
20 00
00Z 9
LFM..
DATA CUT OFF 01+39

B 07/09/91 00Z 200MB 200TFAX NH2002
CLOCK TIME 156
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 9 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

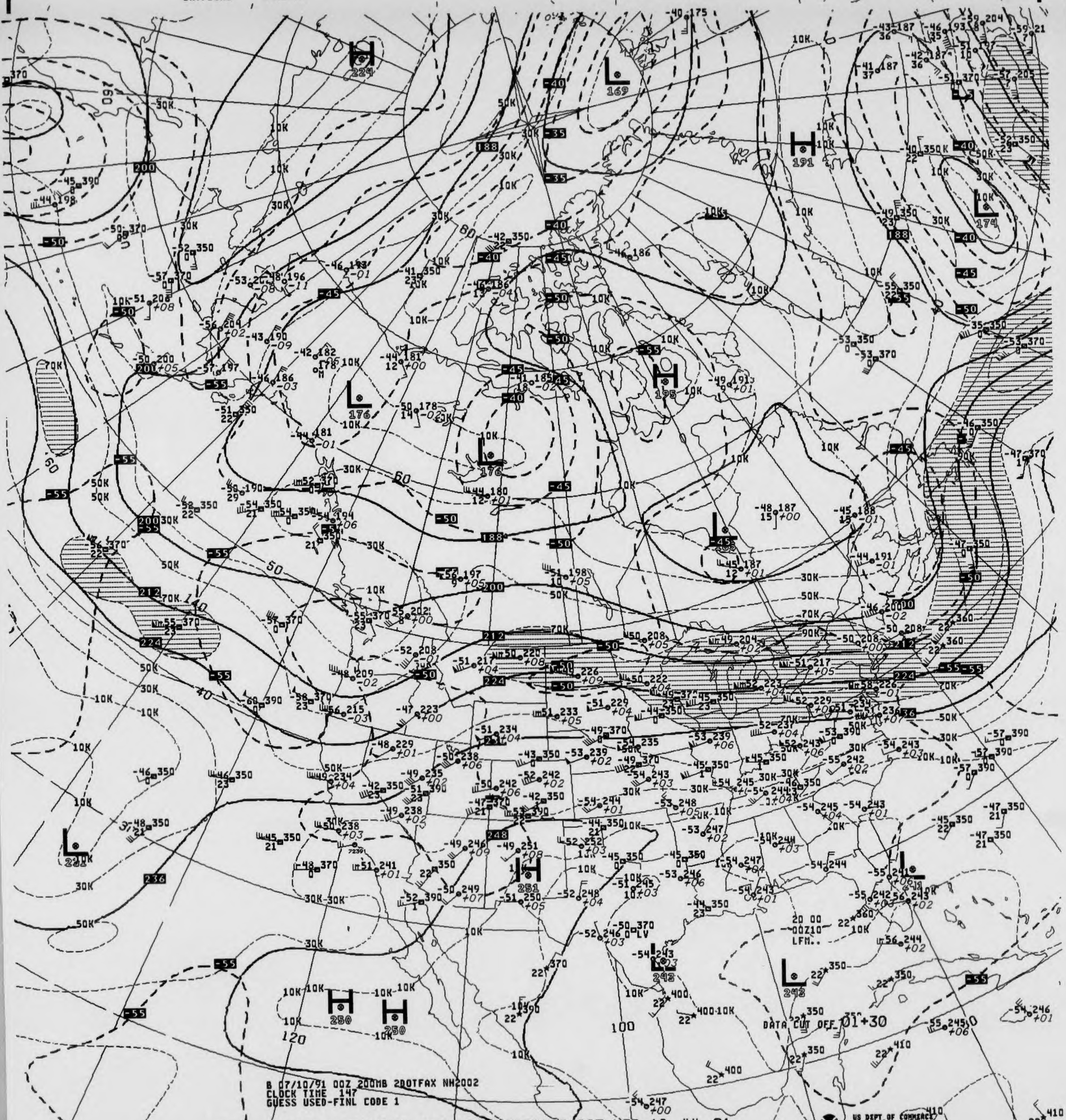

L 192
L 177
L 176
L 184
L 170
L 182
L 189
H 196
H 242
H 247
H 241
H 246
L 240
L 240
L 240
DATA CUT OFF 01+33
20 00
12Z 9
LFM..

B 07/09/91 12Z 200MB 200TFAX NH2002
CLOCK TIME 1352
GUESS USED-FINL CODE 1

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 9 JUL 91

LAT/LONG 34N119W

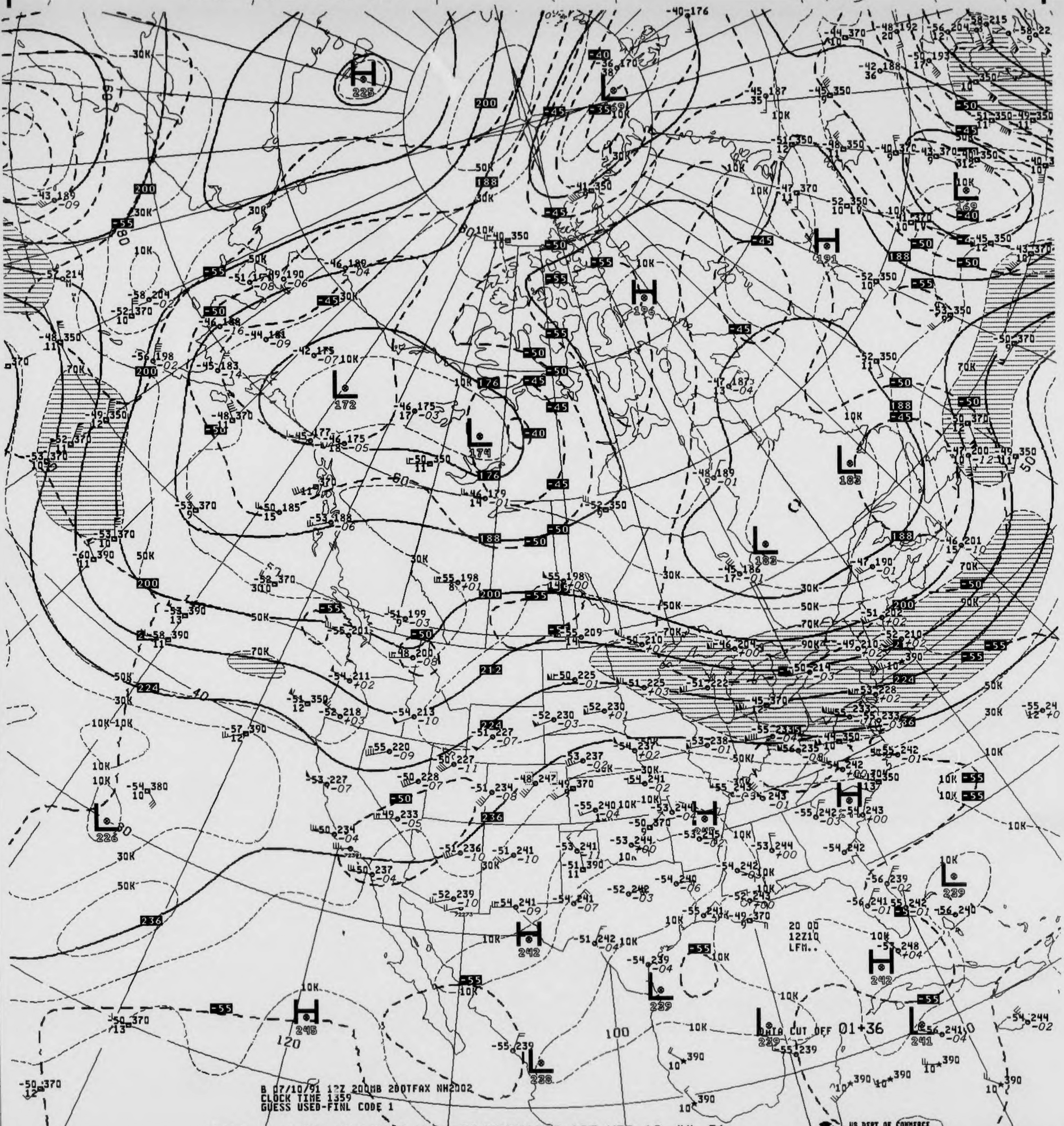

H 224
L 169
H 191
L 174
L 176
L 176
H 195
L 185
H 251
L 243
L 243
L 231
H 250
H 250
DATA CUT OFF 01+30
20 00
00Z10
LFM..

B 07/10/91 00Z 200MB 200TFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 10 JUL 91

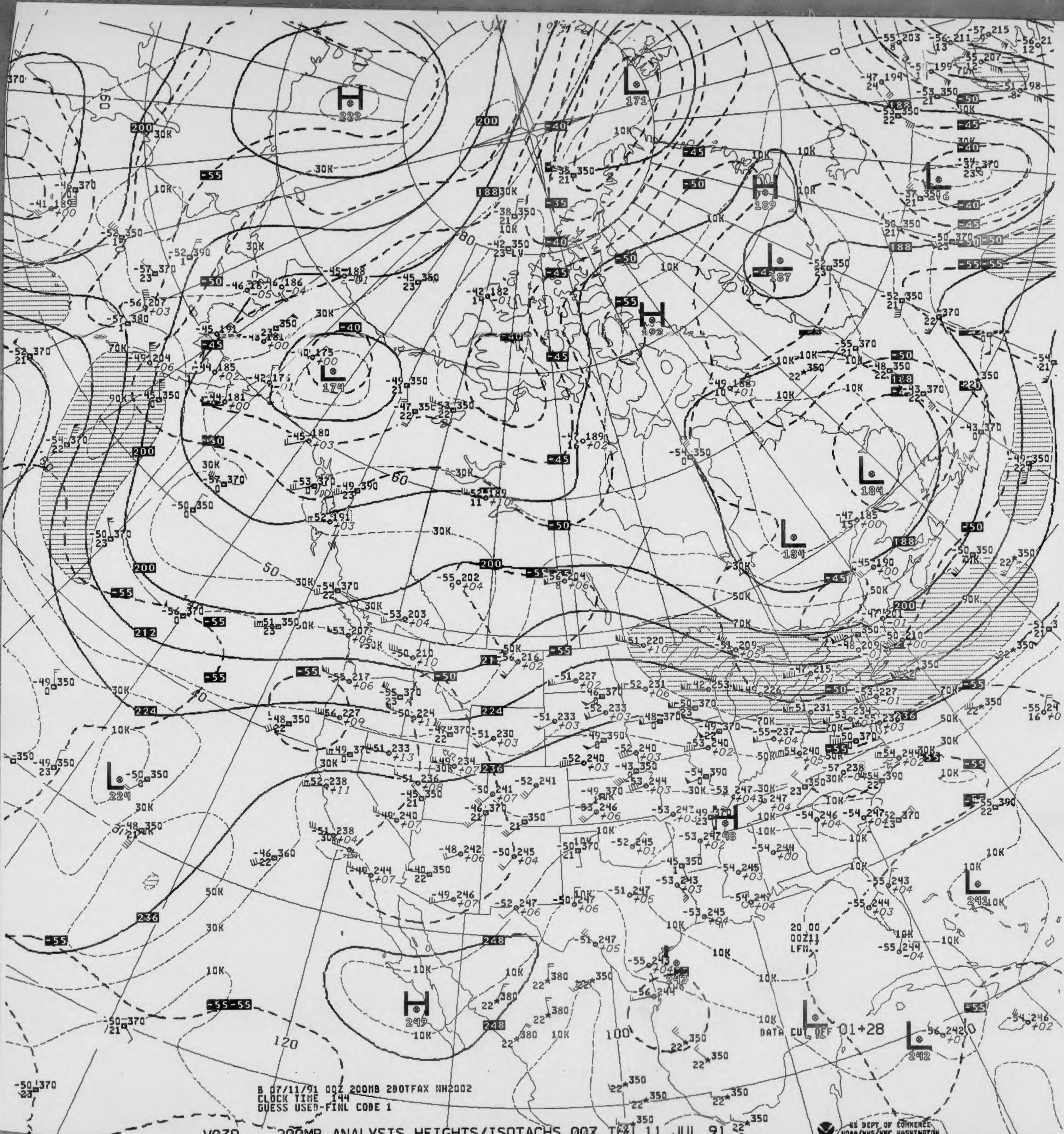
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

LAT/LONG 32N106W 34N119W 31N110W


B 07/10/91 12Z 200MB 200TFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1
DATA CUT OFF 01+36
20 00
12Z10
LFM..
H 225
L 169
H 191
H 196
L 172
L 174
L 183
L 183
L 169
L 226
H 245
L 238
H 242
L 239
L 239
L 241
H 242
L 239

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 10 JUL 91

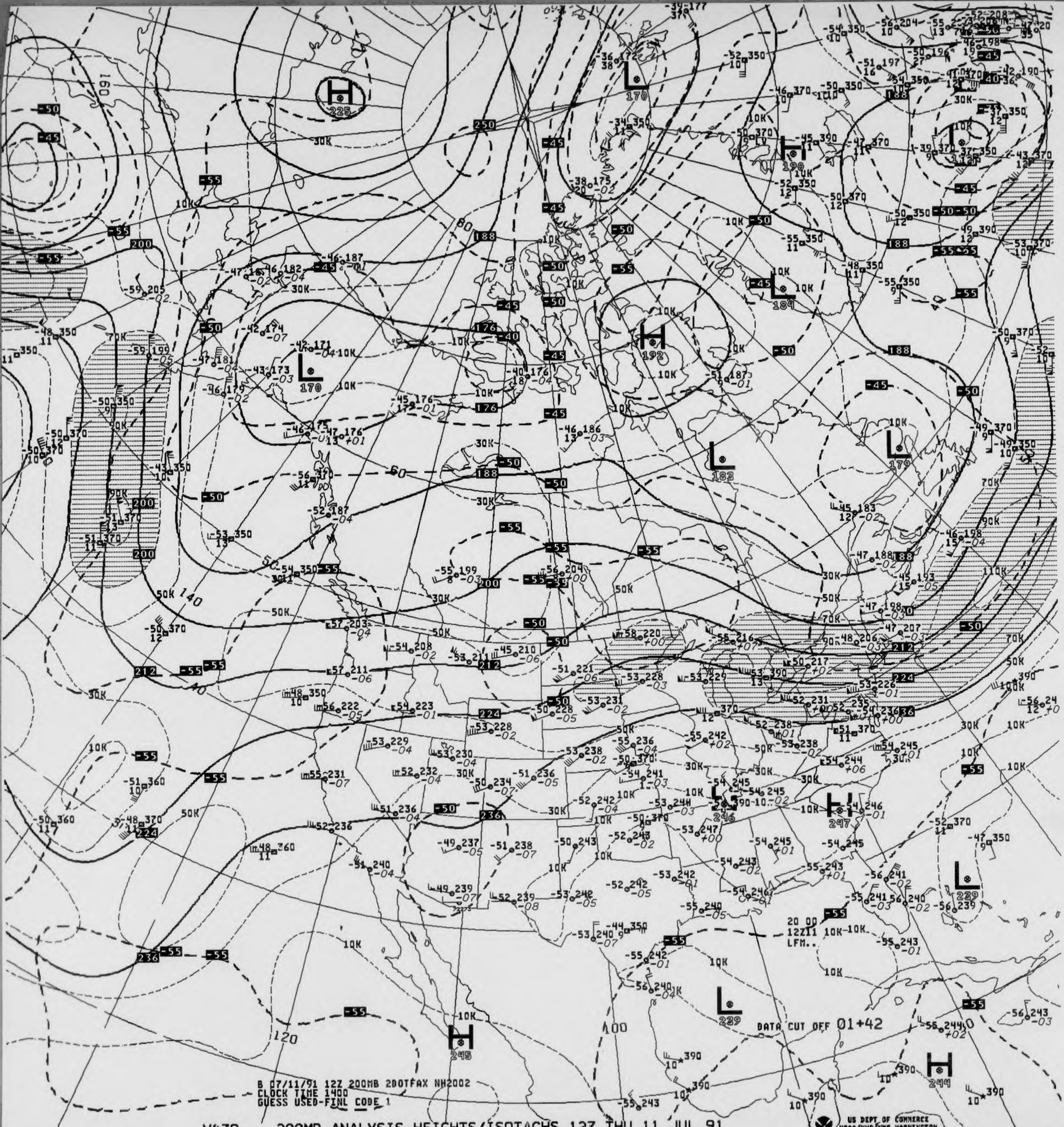
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
222
L
171
H
189
L
187
H
193
L
174
L
184
L
184
L
224
H
248
L
241
H
249
L
242
200
188
212
224
236
248
-40
-45
-50
-55
30K
10K
50K
70K
90K
50
60
80
100
120
40
DATA CUT OFF 01+28
20 00
00Z11
LFM

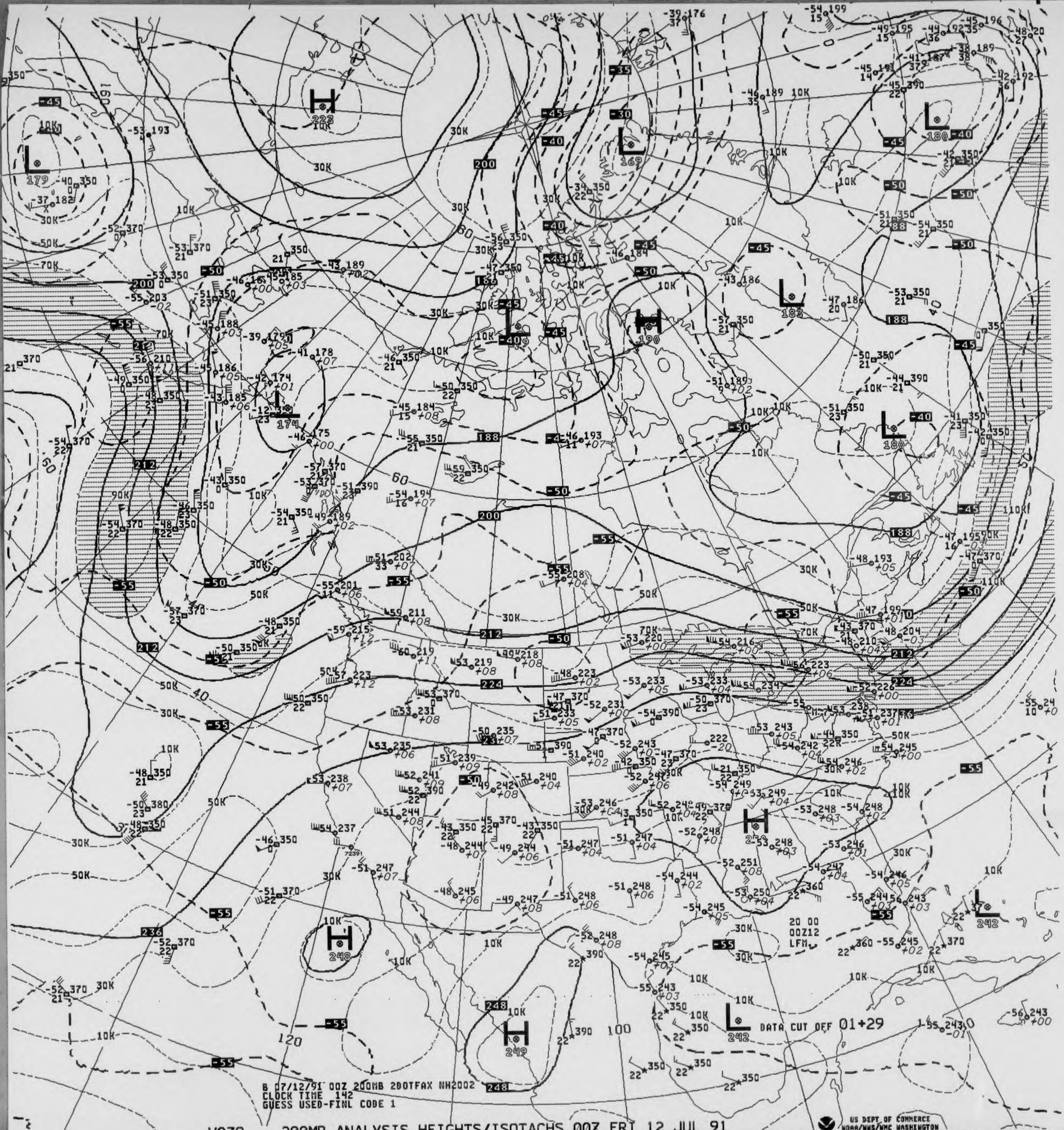
B 07/11/91 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 144
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 11 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

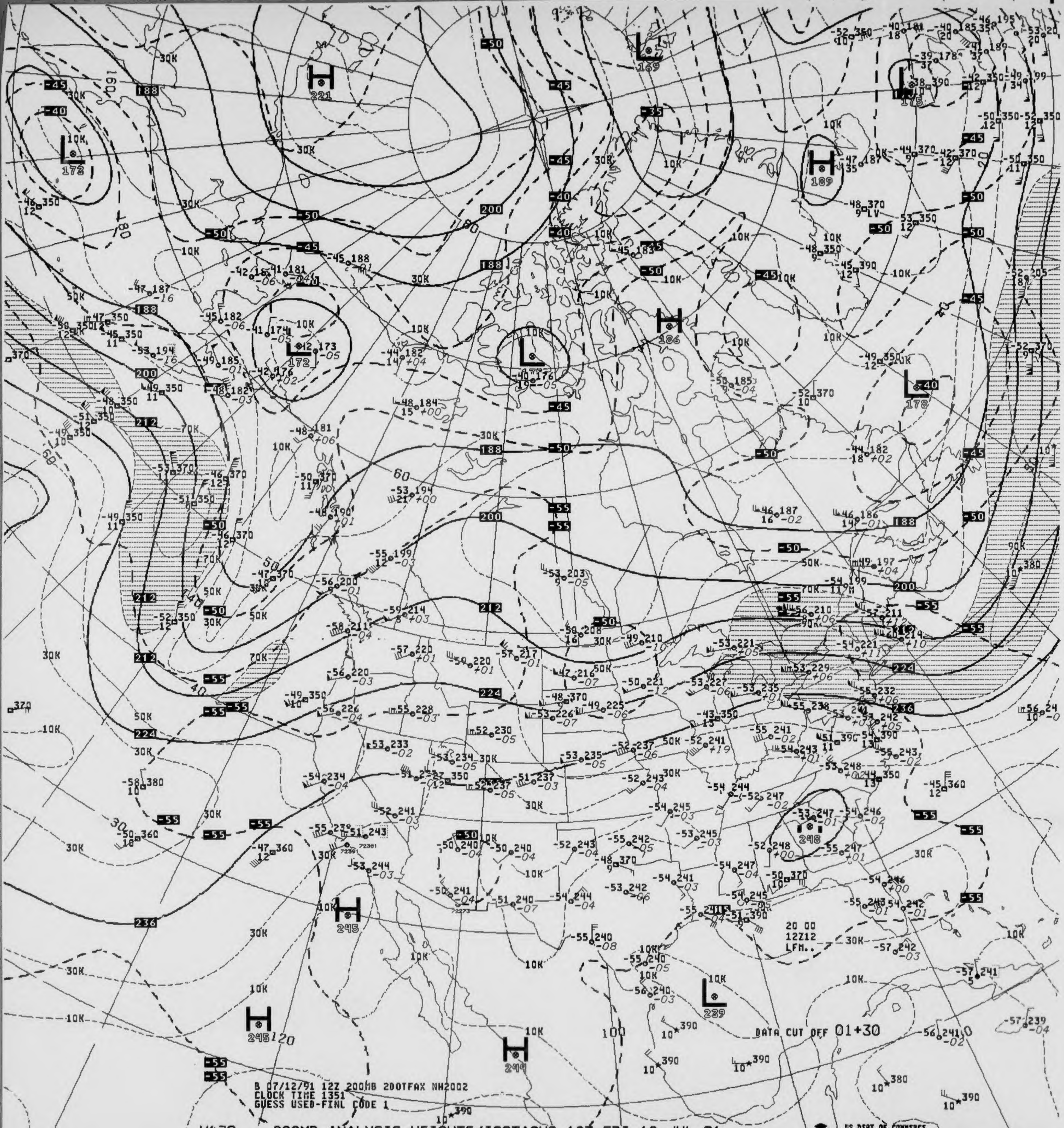

H 225
L 170
H 190
L 184
H 192
L 170
L 183
L 179
L 246
H 247
L 239
L 239
H 245
H 244
DATA CUT OFF 01+42
20 00
12Z11 10K
LFM..
B 07/11/91 12Z 200MB 200TFAX NH2002
CLOCK TIME 1400
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 11 JUL 91


B 07/12/91 00Z 200MB 200TFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1
DATA CUT OFF 01+29
20 00
00Z12
LFM

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 12 JUL 91

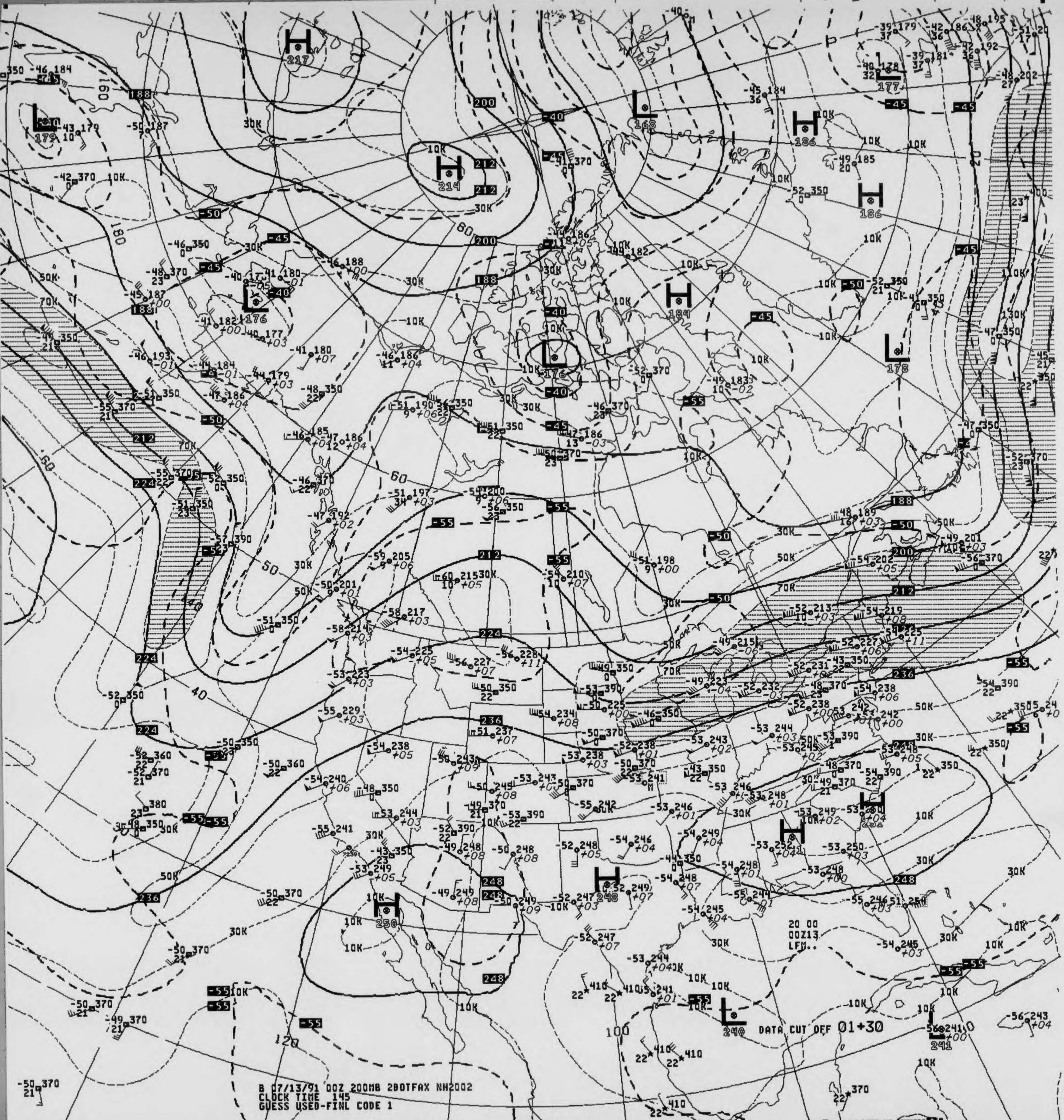
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/12/91 12Z 200MB 20OTFAX NH2002
CLOCK TIME 1351
GUESS USED-FINL CODE 1
DATA CUT OFF 01+30
20 00
12Z12
LFM..

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 12 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

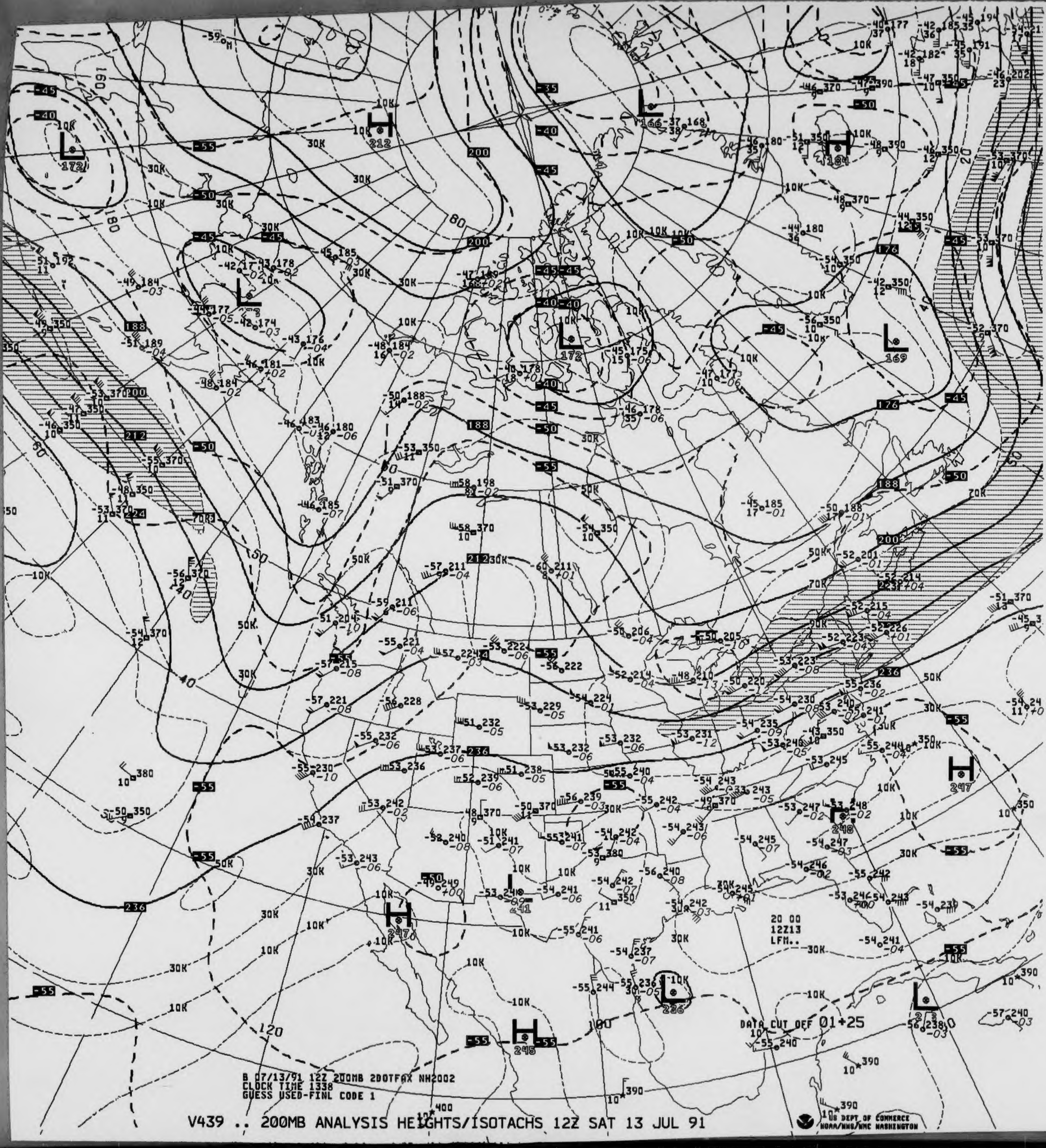


DATA CUT OFF 01+30

B 07/13/91 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 145
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 13 JUL 91

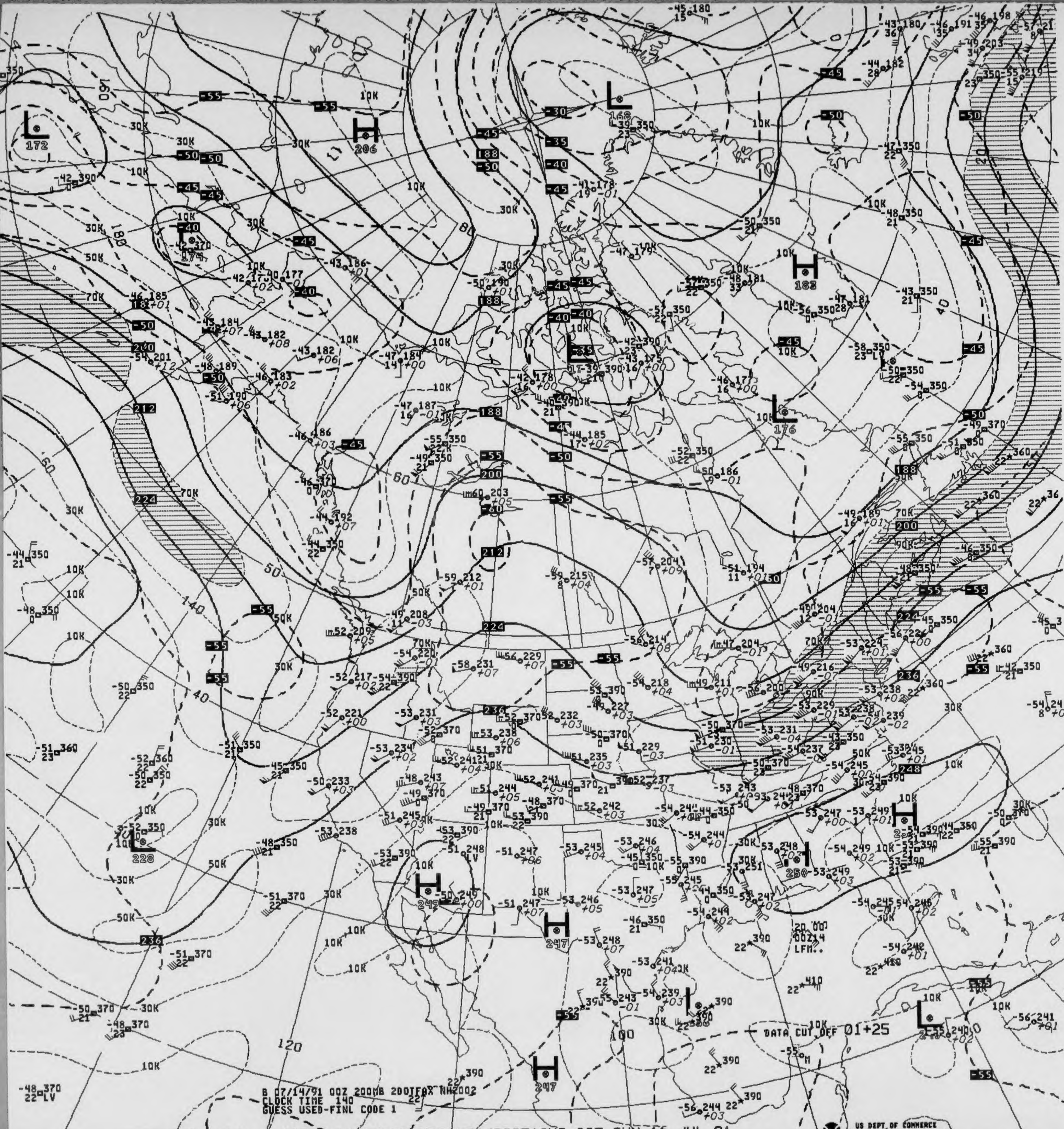
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
212
L
172
L
166
H
184
L
172
L
169
H
247
H
247
L
236
H
245
L
248
DATA CUT OFF 01+25
20 00
12Z13
LFM..

B 07/13/91 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1338
GUESS USED-FINL CODE 1

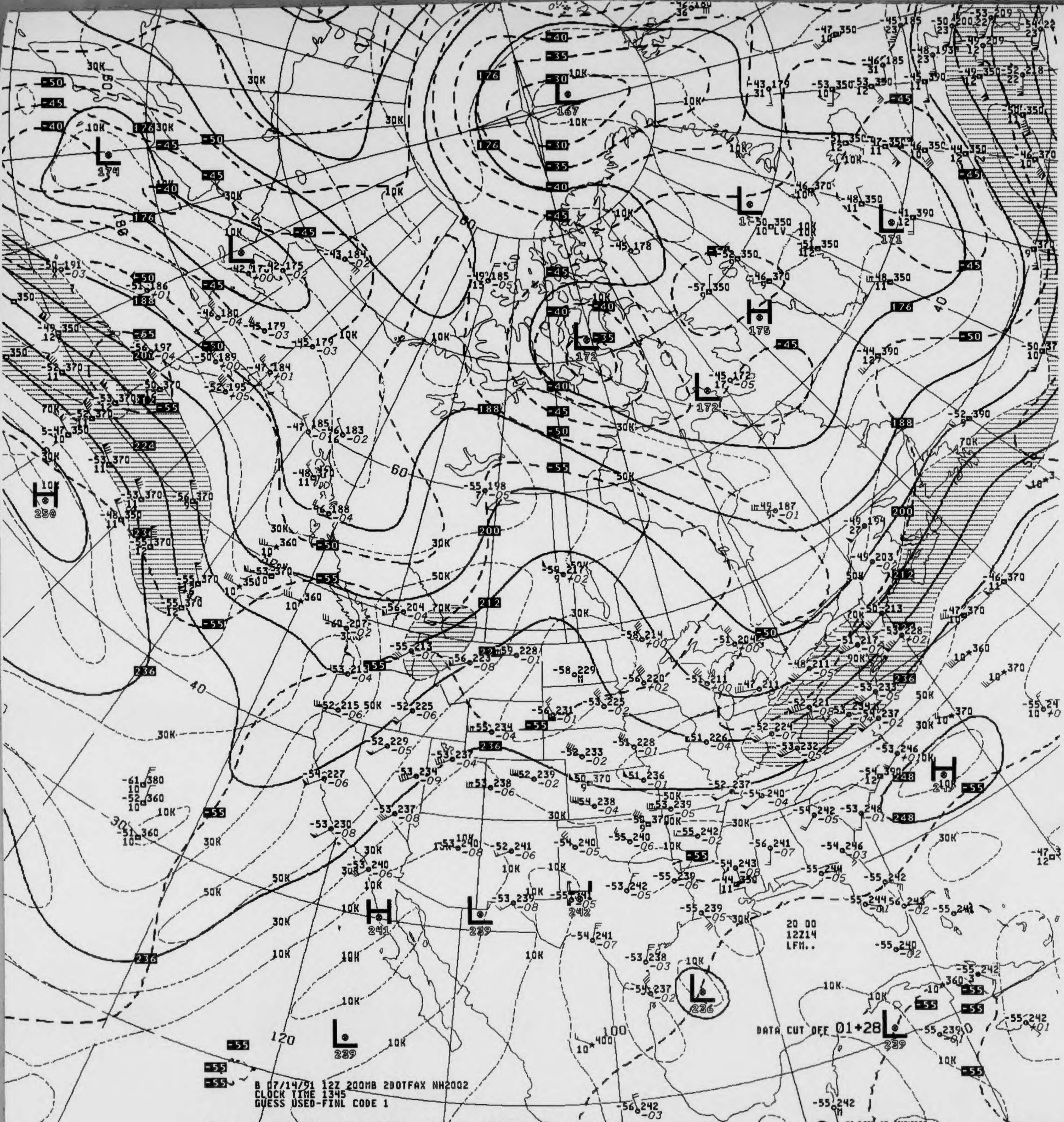
V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 13 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/14/91 00Z 200MB 200IFAX NH2002
CLOCK TIME 140
GUESS USED-FINL CODE 1
DATA CUT OFF 01+25

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 14 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



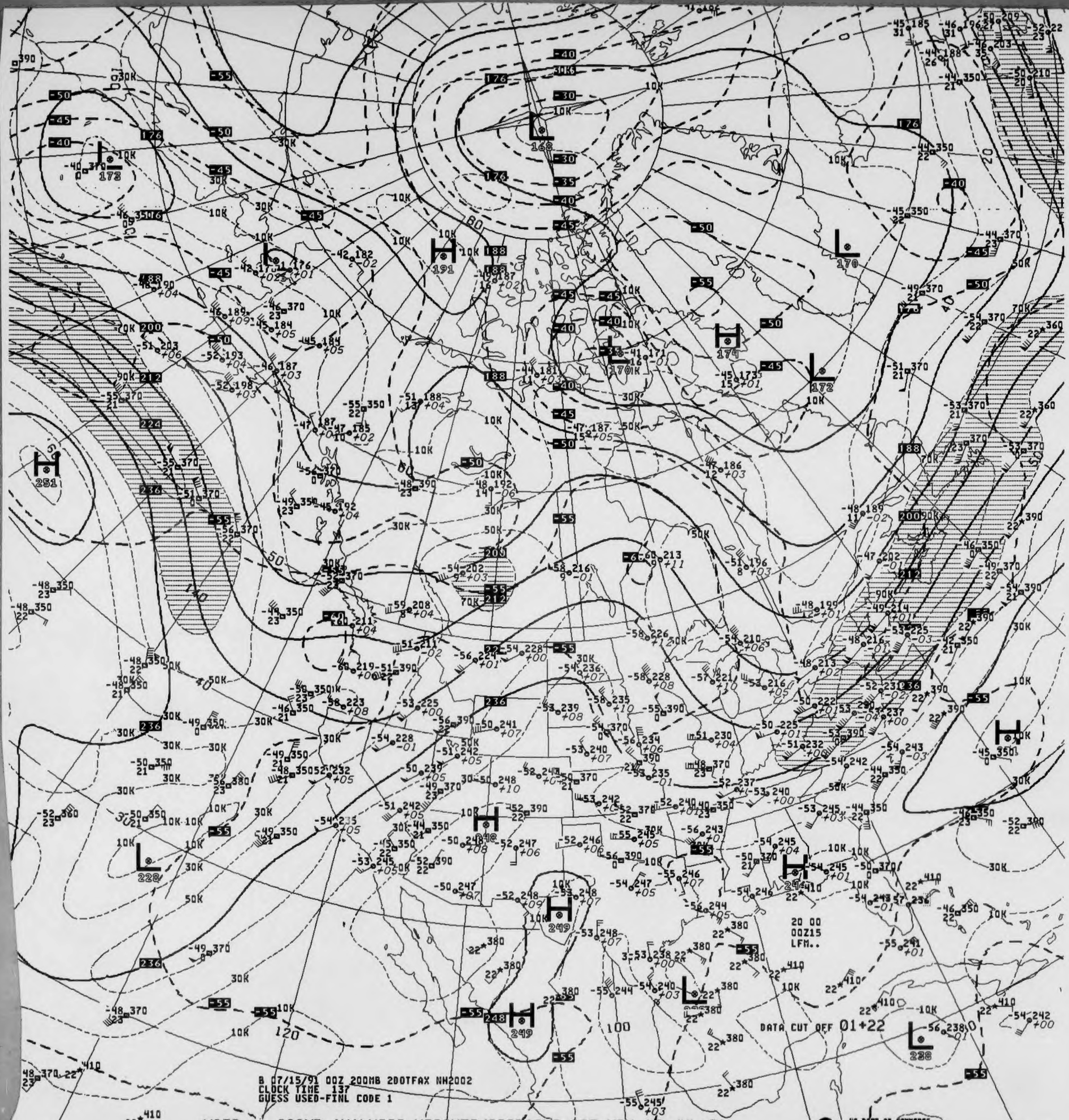
DATA CUT OFF 01+28

20 00
12Z14
LFM..

B 07/14/91 12Z 200MB 200TFAX NH2002
CLOCK TIME 1345
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 14 JUL 91

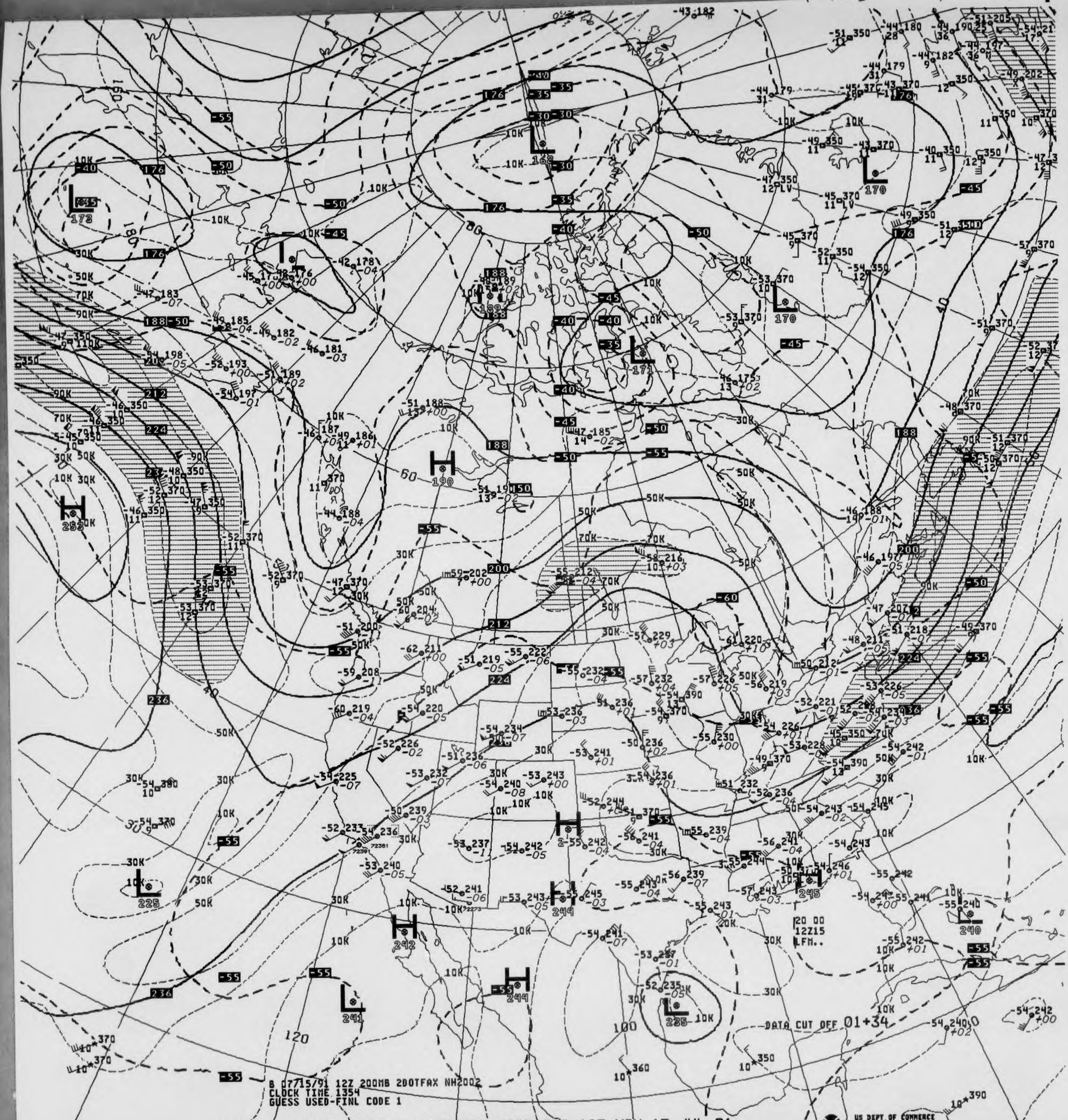
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


20 00
00Z15
LFM..
DATA CUT OFF 01+22

B 07/15/91 00Z 200MB 200TFAX NH2002
CLOCK TIME 137
GUESS USED-FINL CODE 1

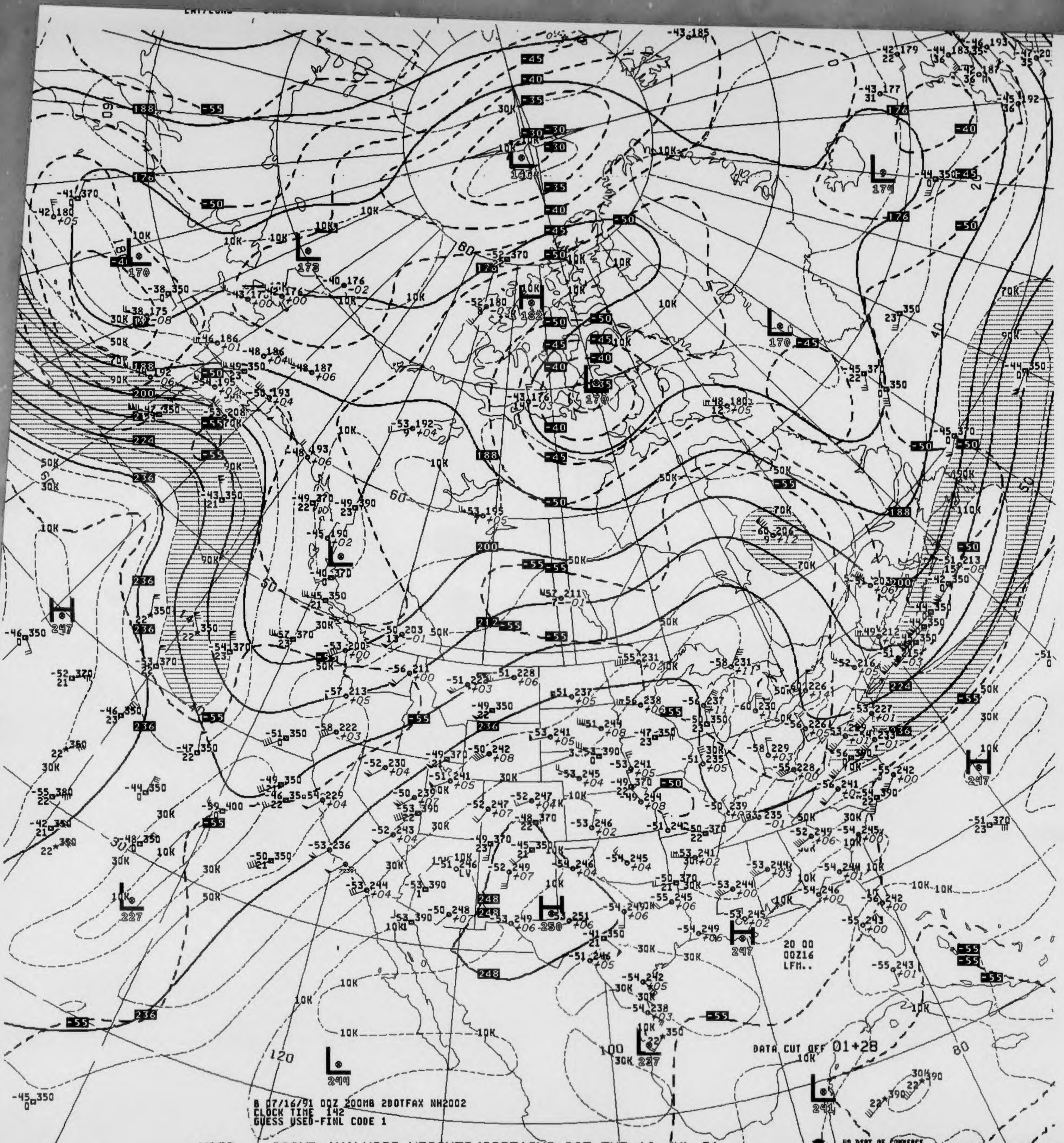
V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 15 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

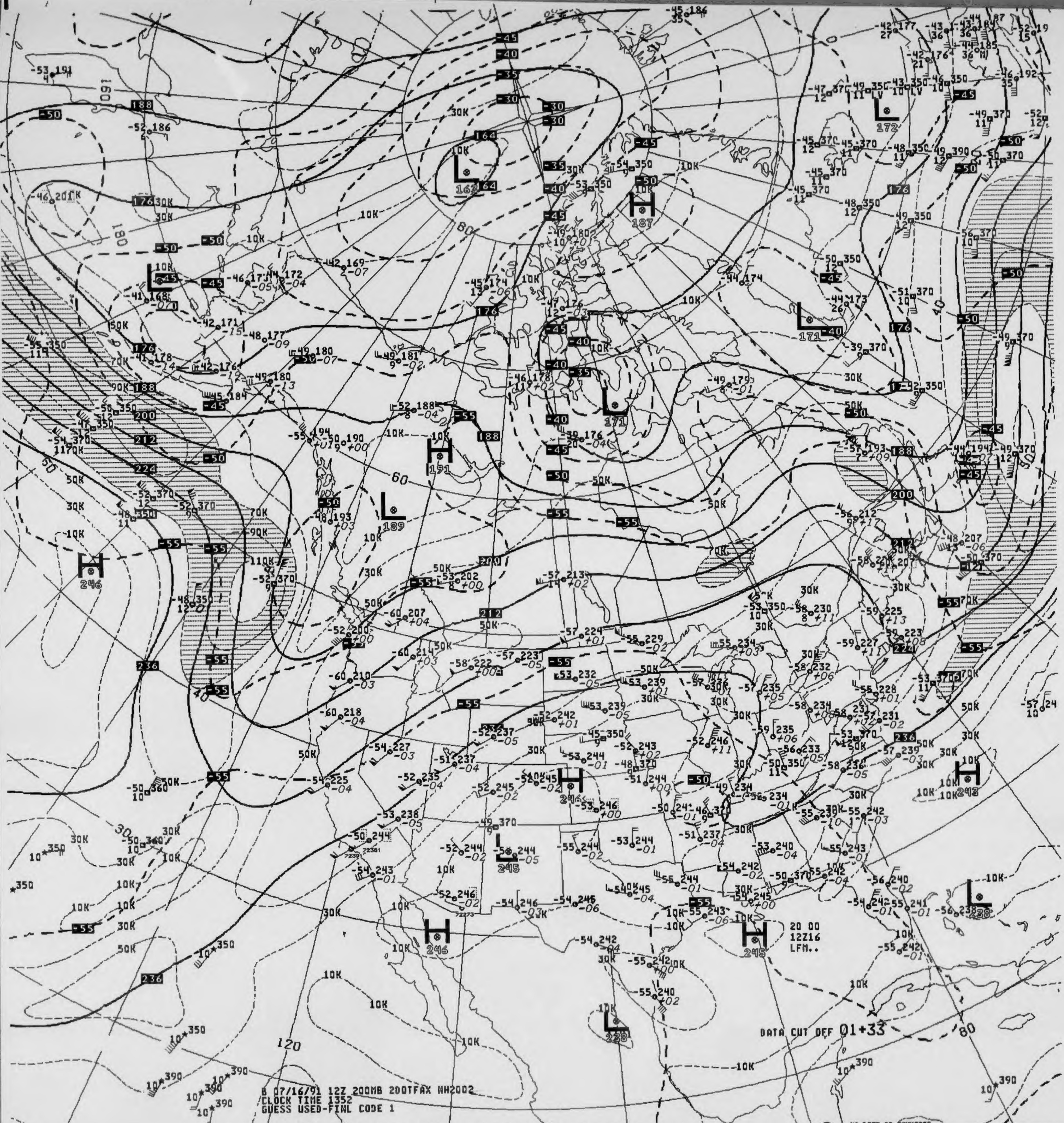

DATA CUT OFF 01+34
20 00
12Z15
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 07/15/91 12Z 200MB 200TFAX NH2002
CLOCK TIME 1354
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 15 JUL 91

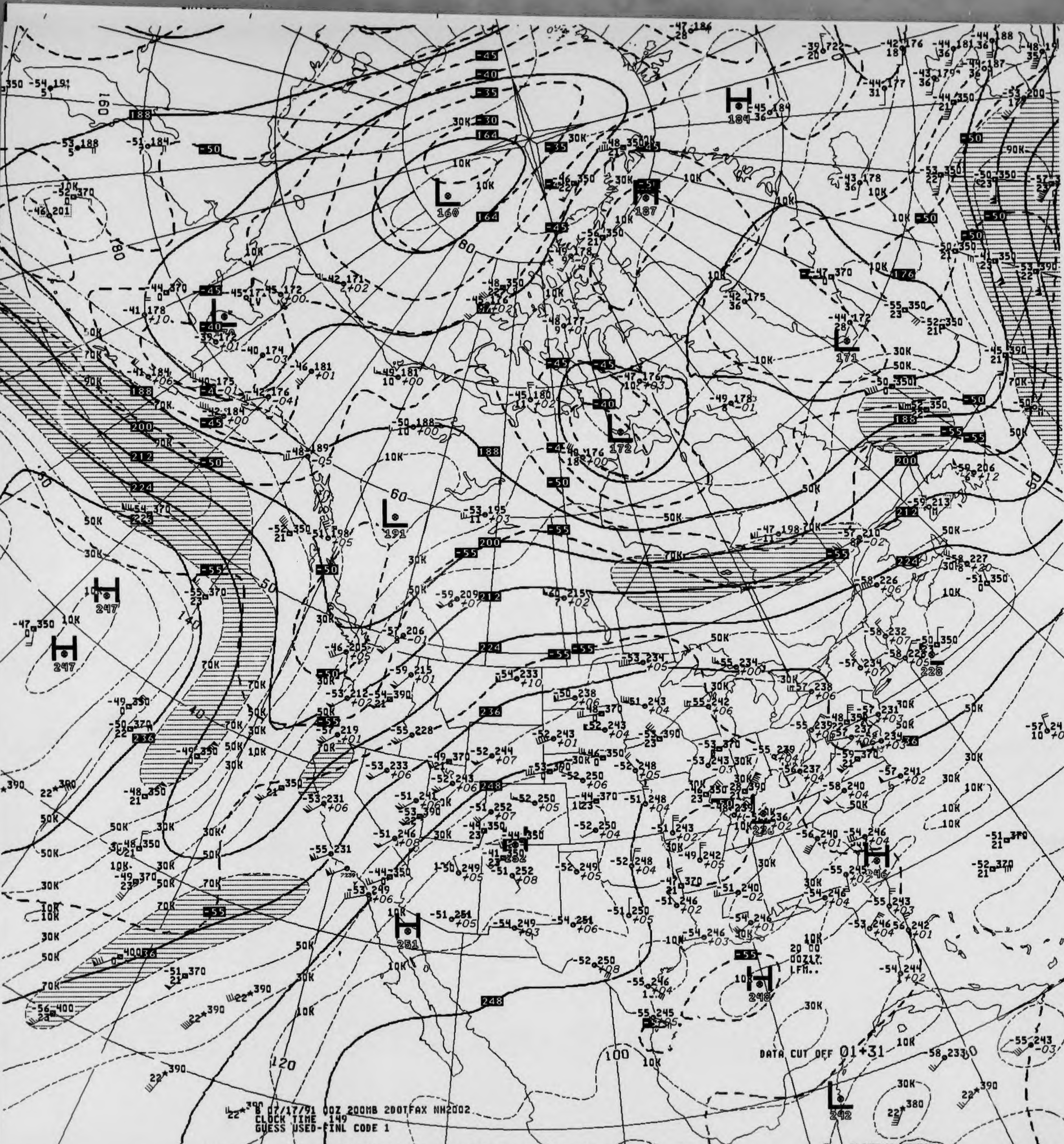

20 00
00Z16
LFM..
DATA CUT OFF 01+28
B 07/16/91 00Z 200MB 200TFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 16 JUL 91

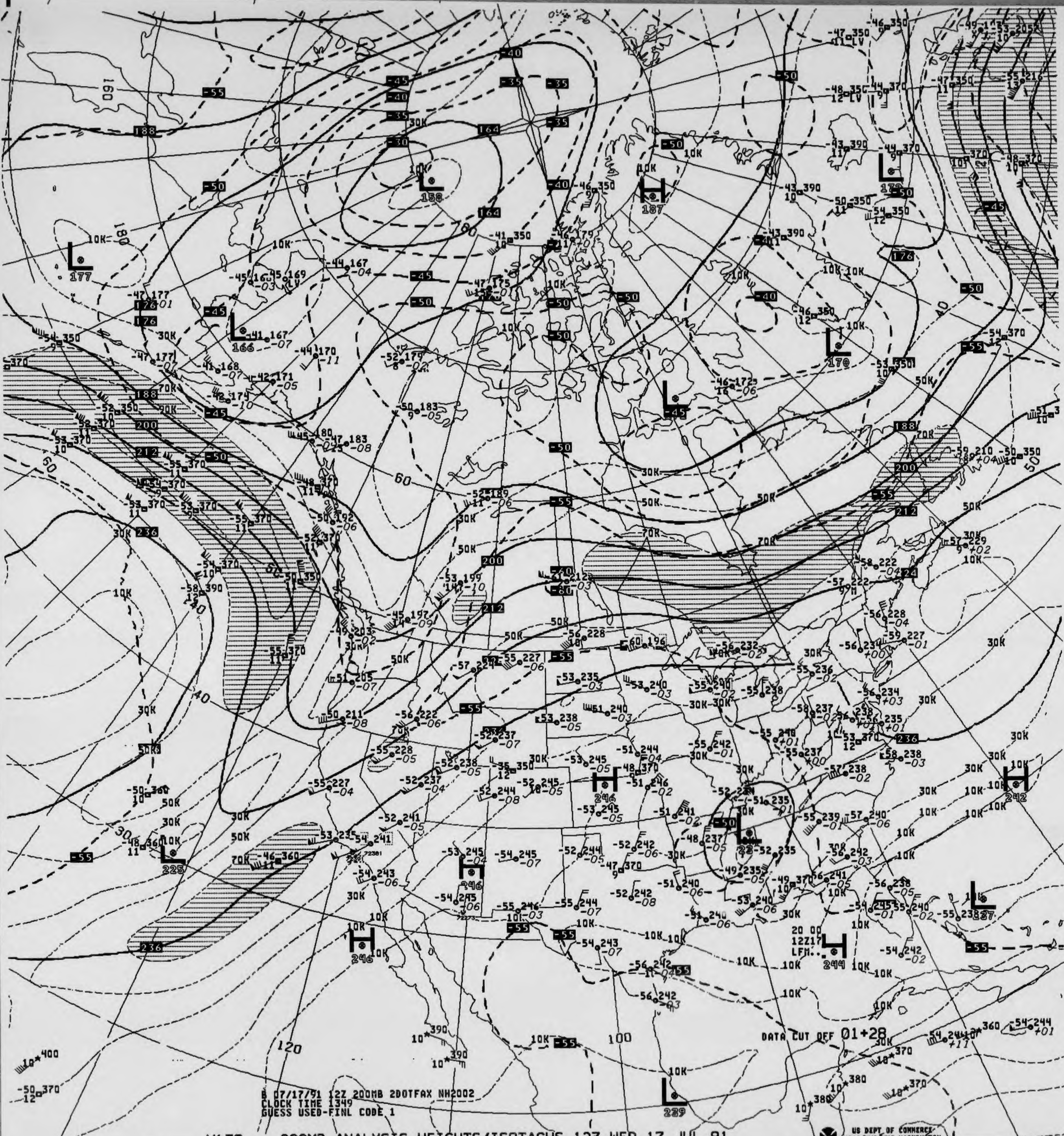

DATA CUT OFF 01+33
20 00
12Z16
LFM..
US DEPT OF COMMERCE

B 07/16/91 12Z 200MB 200TFAX NH2002
CLOCK TIME 1352
GUESS USED-FINL CODE 1

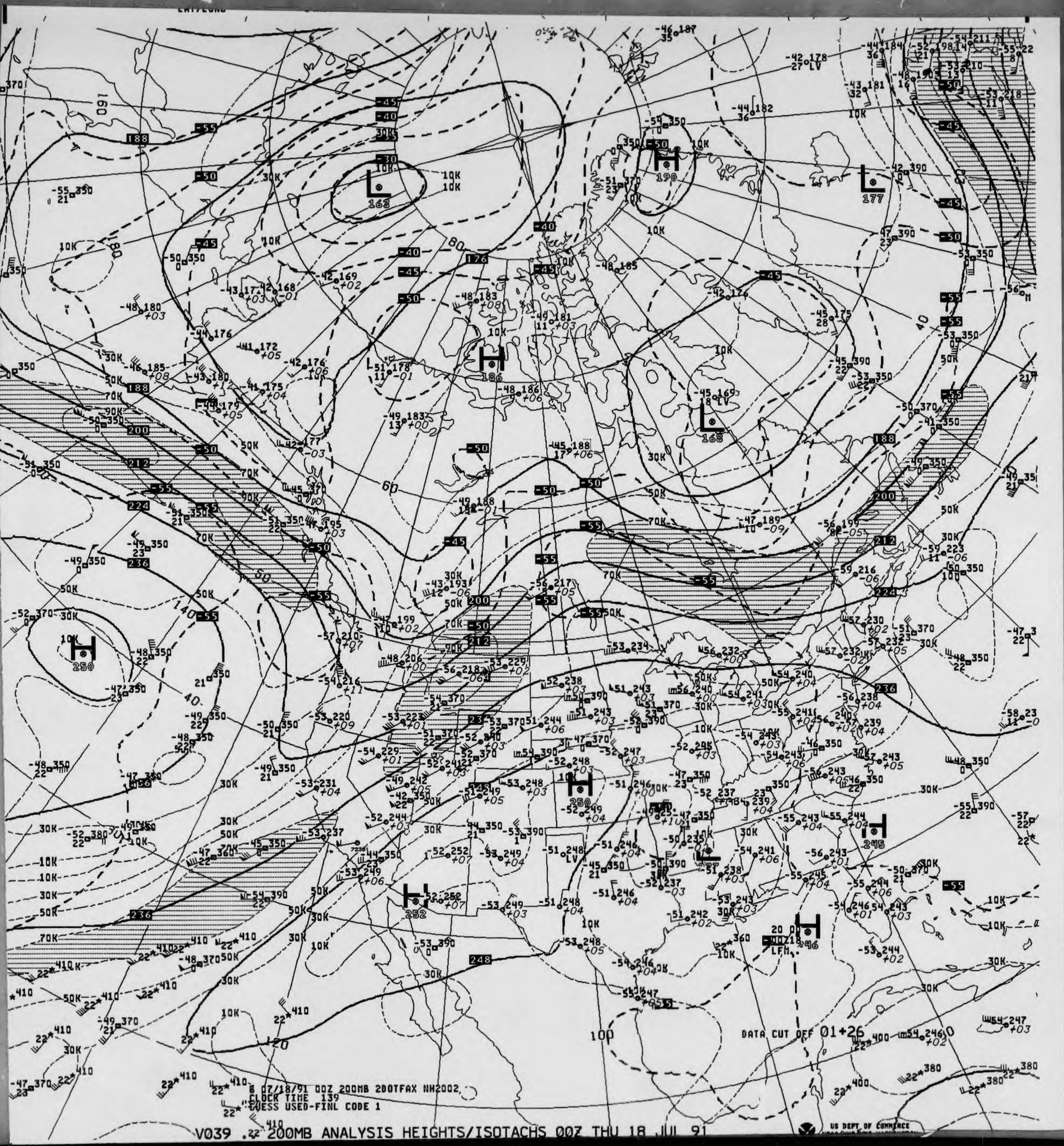
V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 16 JUL 91


B 07/17/91 00Z 200MB 200TFAX NH2002
CLOCK TIME 149
GUESS USED-FINL CODE 1
DATA CUT OFF 01+31
20 00
00Z17
LFM..
H 184
L 160
L 187
L 171
L 172
L 191
H 247
H 247
H 251
H 248
L 242
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 17 JUL 91


B 07/17/91 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1349
GUESS USED-FINL CODE 1
DATA CUT OFF 01+28
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
L 158
L 177
L 166
H 187
L 172
L 170
L 225
H 246
H 246
H 246
L 229
H 242
L 237
H 244
20 00
12Z17
LFM
160
180
120
100
60
40
30
50
188
164
176
200
212
236

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 17 JUL 91

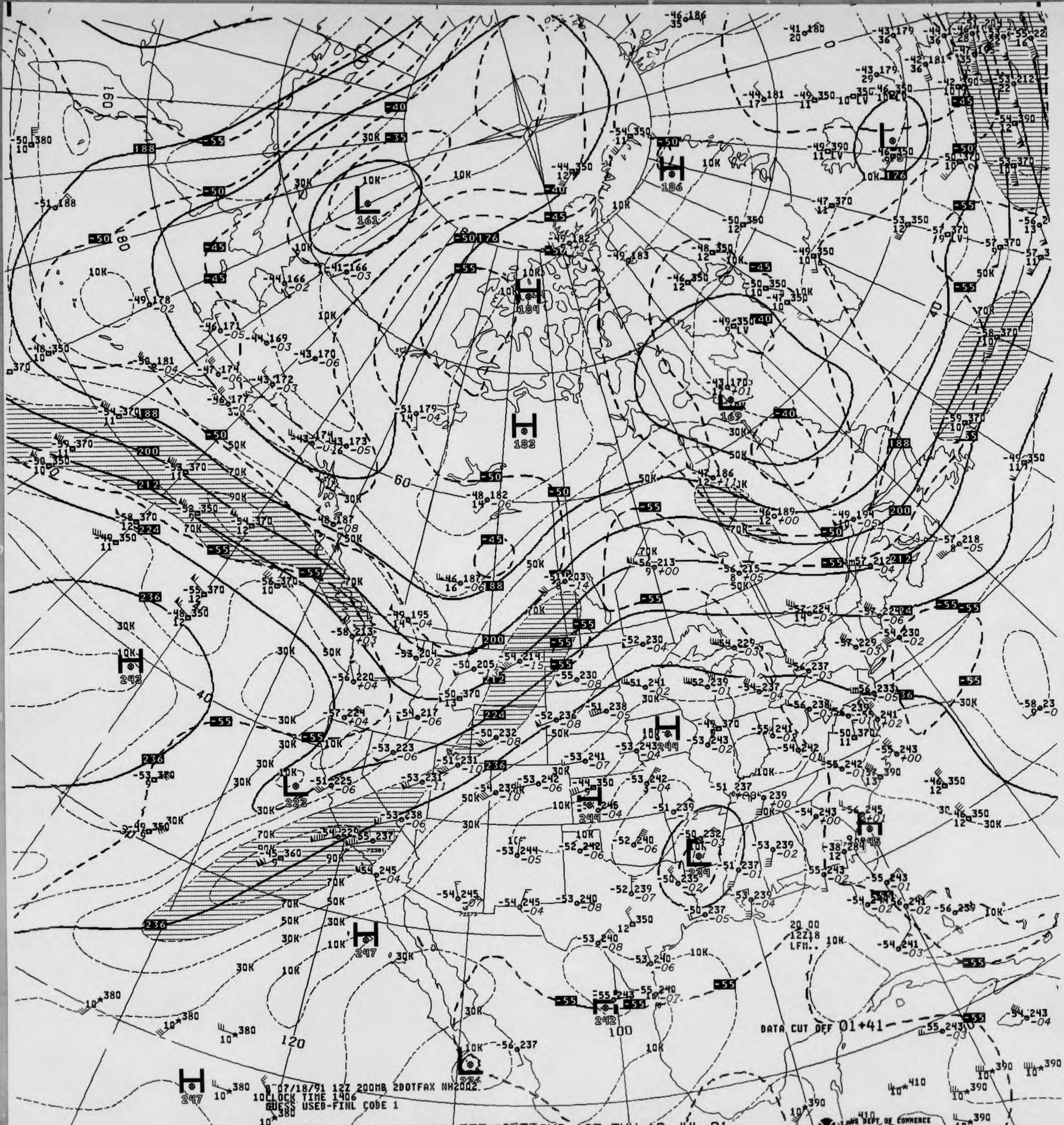


H 250
H 186
H 190
H 252
H 245
H 246
L 163
L 177
L 168
DATA CUT OFF 01+26
188
176
200
212
224
236
248
10K
30K
50K
70K
90K
-30
-40
-45
-50
-55
40
60
80
100
120
140
160
180

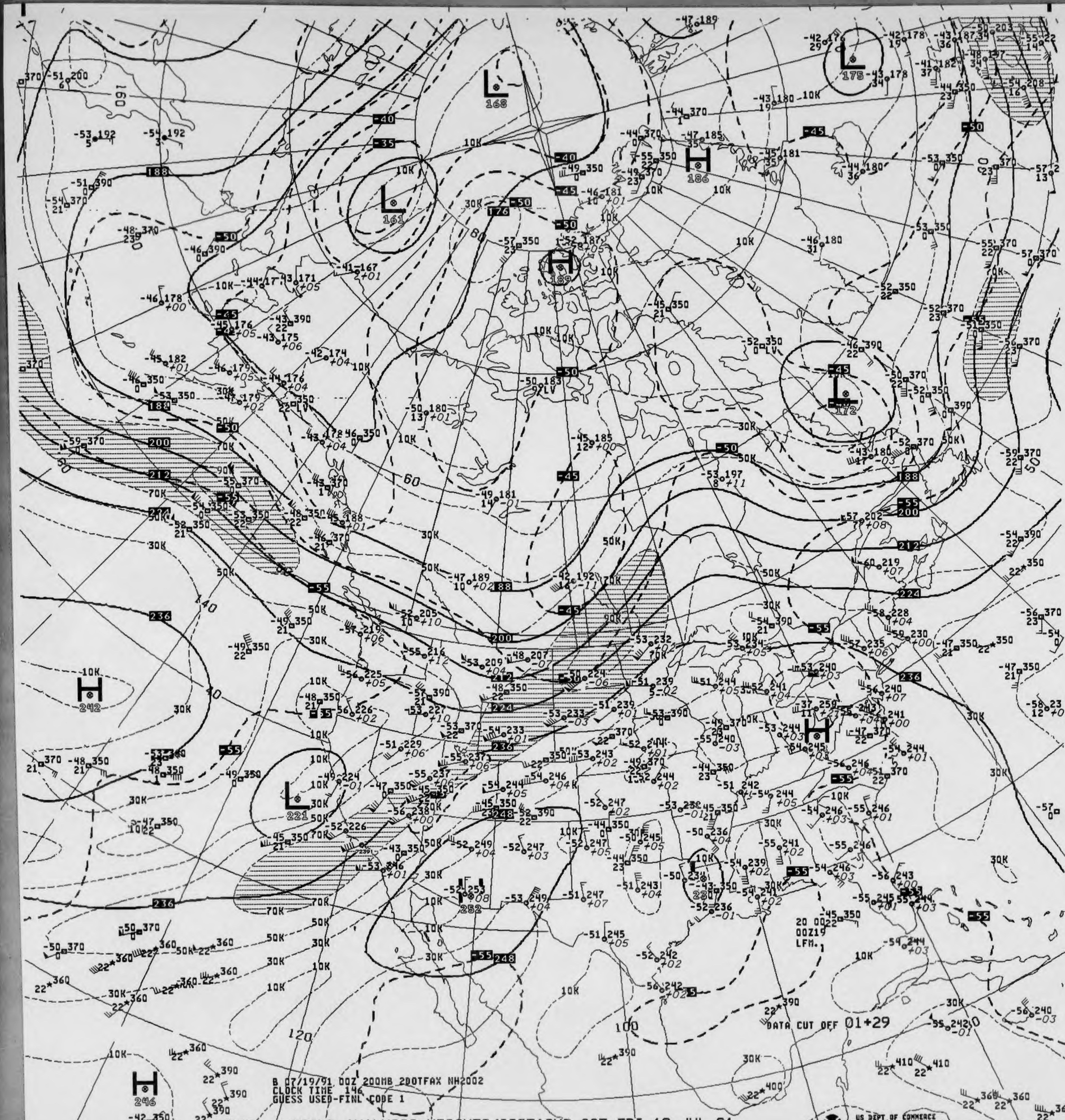
8 07/18/91 00Z 200MB 2DOTFAX NH2002,
CLOCK TIME 139
GUESS USED-FINL CODE 1

V039 .22 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 18 JUL 91

US DEPT OF COMMERCE


8 07/18/91 12Z 200MB 2DOTFAX NH2002.
CLOCK TIME 1406
GUESS USED-FINL CODE 1
DATA CUT OFF 01+41
20.00
12Z18
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

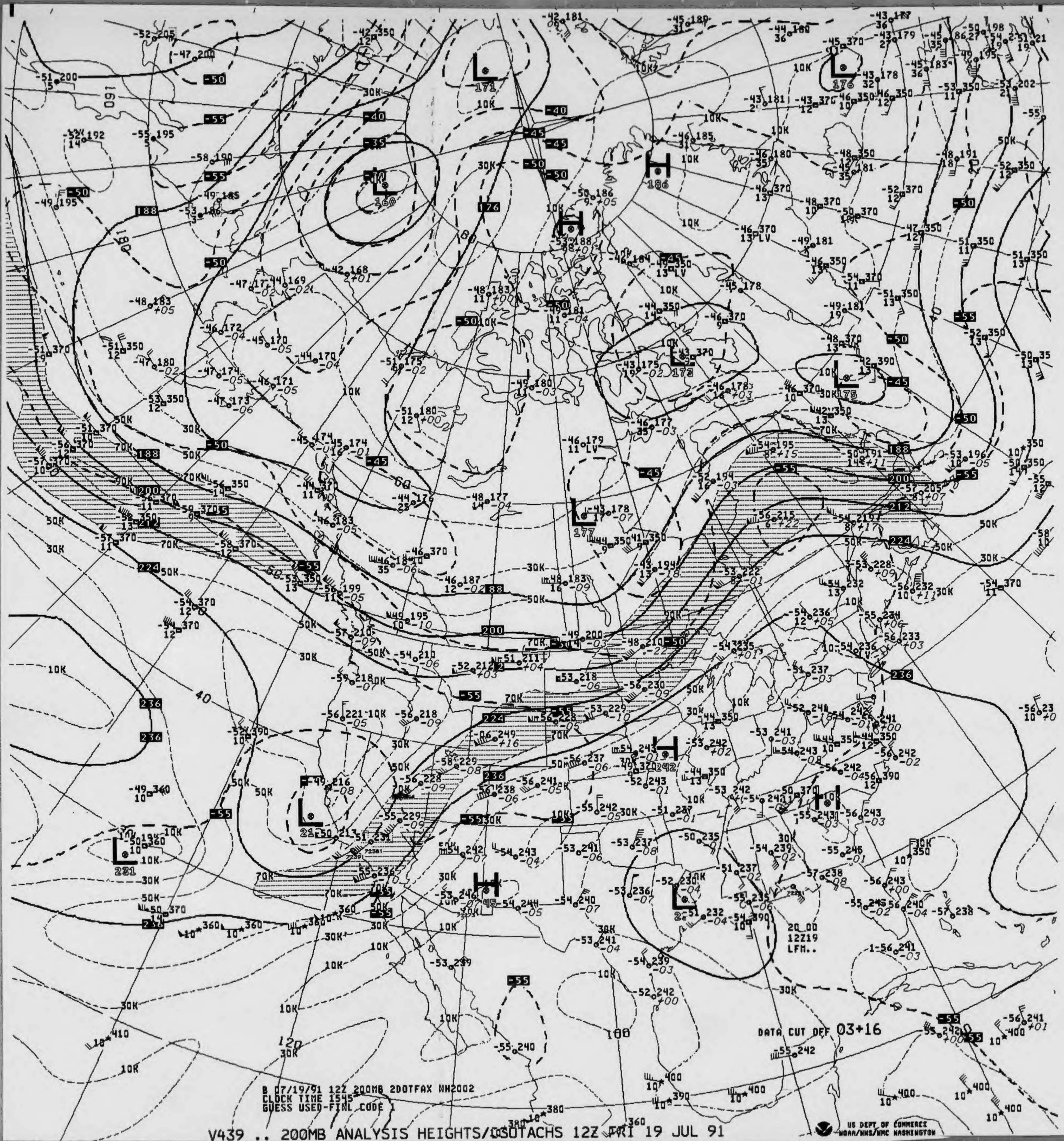
V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 18 JUL 91


L 168
L 161
H 189
H 186
L 175
L 172
H 242
L 221
H 252
L 230
H 246
DATA CUT OFF 01+29
20 00Z
00Z19
LFM.

B 07/19/91 00Z 200MB 200TFAX NH2002
CLOCK TIME 146
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 19 JUL 91

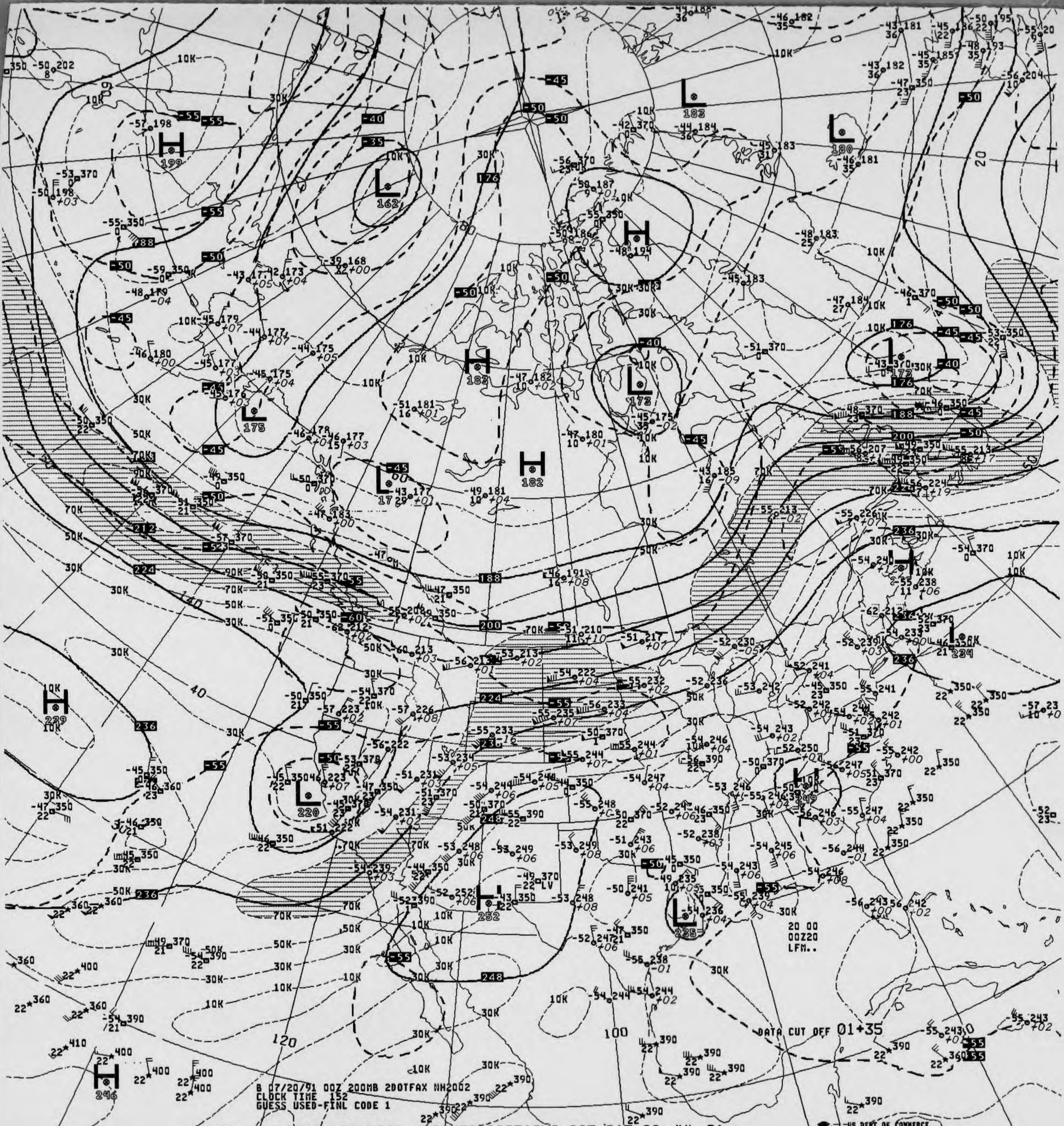
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 03+16
20 00
12Z19
LFM..

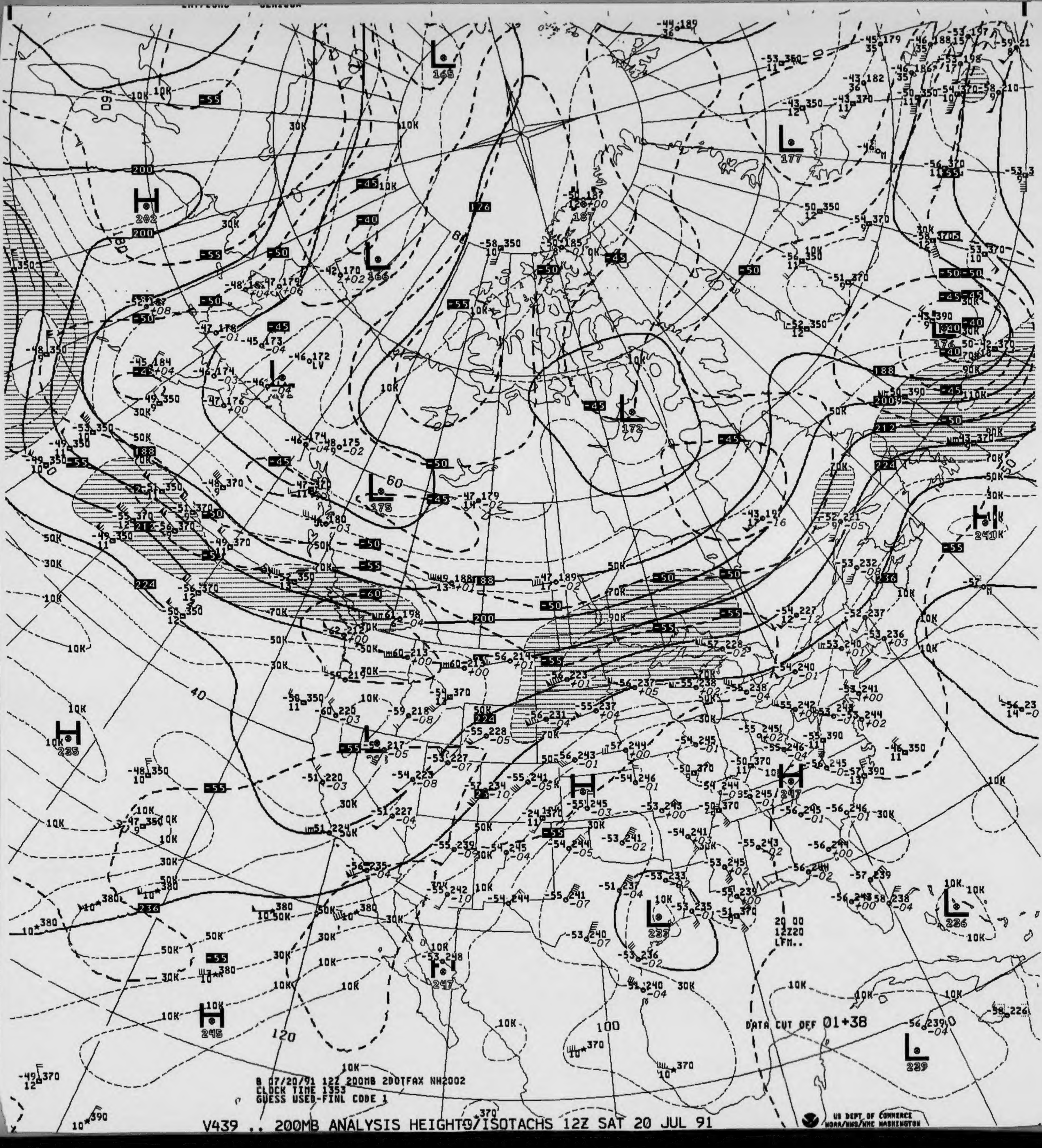
B 07/19/91 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1545
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 19 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

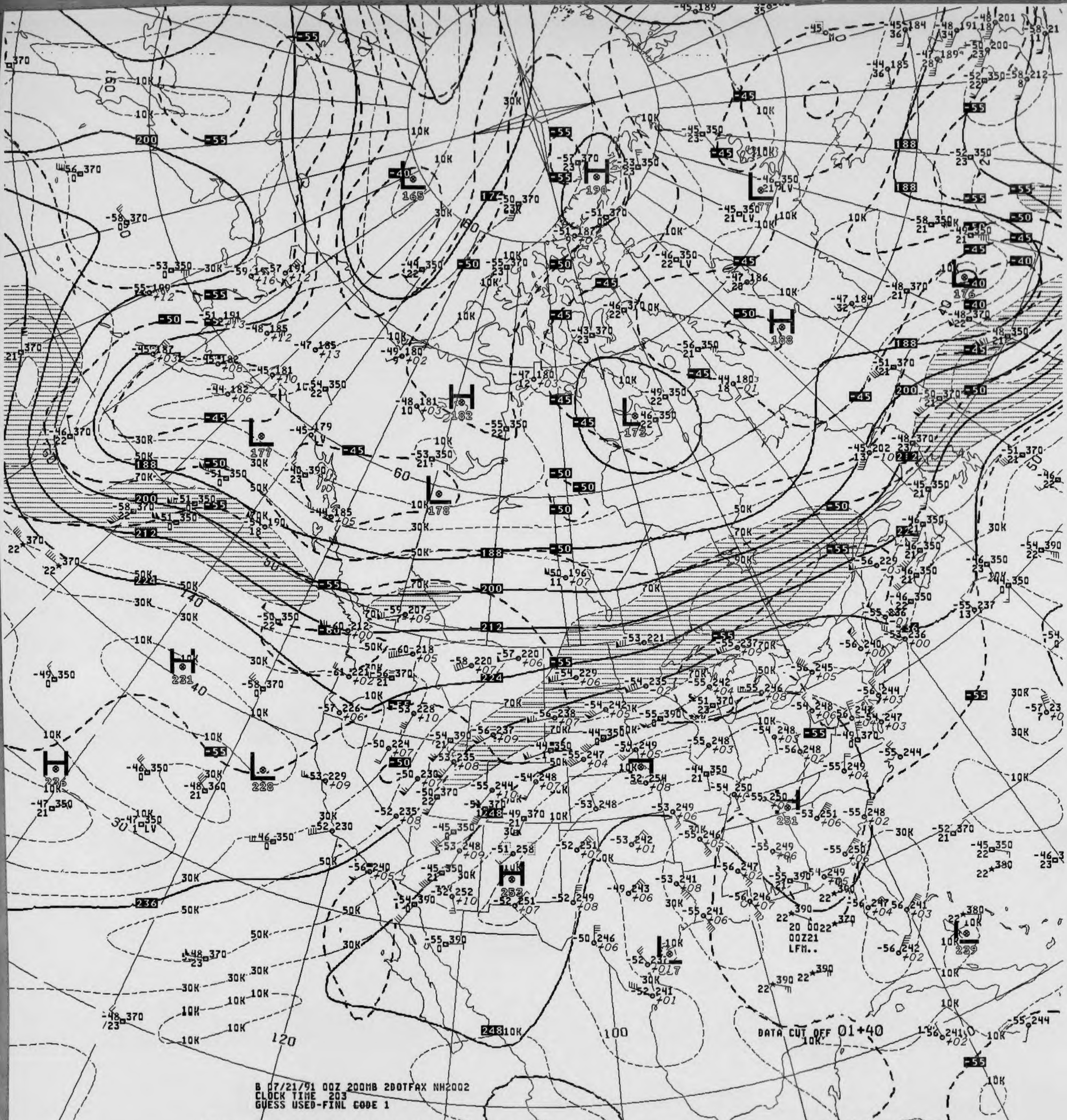

B 07/20/91 00Z 200MB 200TFAX NH2002
CLOCK TIME 152
GUESS USED-FINL CODE 1
DATA CUT OFF 01+35
20 00
00Z20
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 20 JUL 91


B 07/20/91 12Z 200MB 200TFAX NH2002
CLOCK TIME 1353
GUESS USED-FINL CODE 1
DATA CUT OFF 01+38
20 00
12Z20
LFM..
L 165
L 166
L 175
L 172
L 177
H 202
H 235
H 245
H 241
H 247
L 233
L 236
L 239
120
100
40
80
60

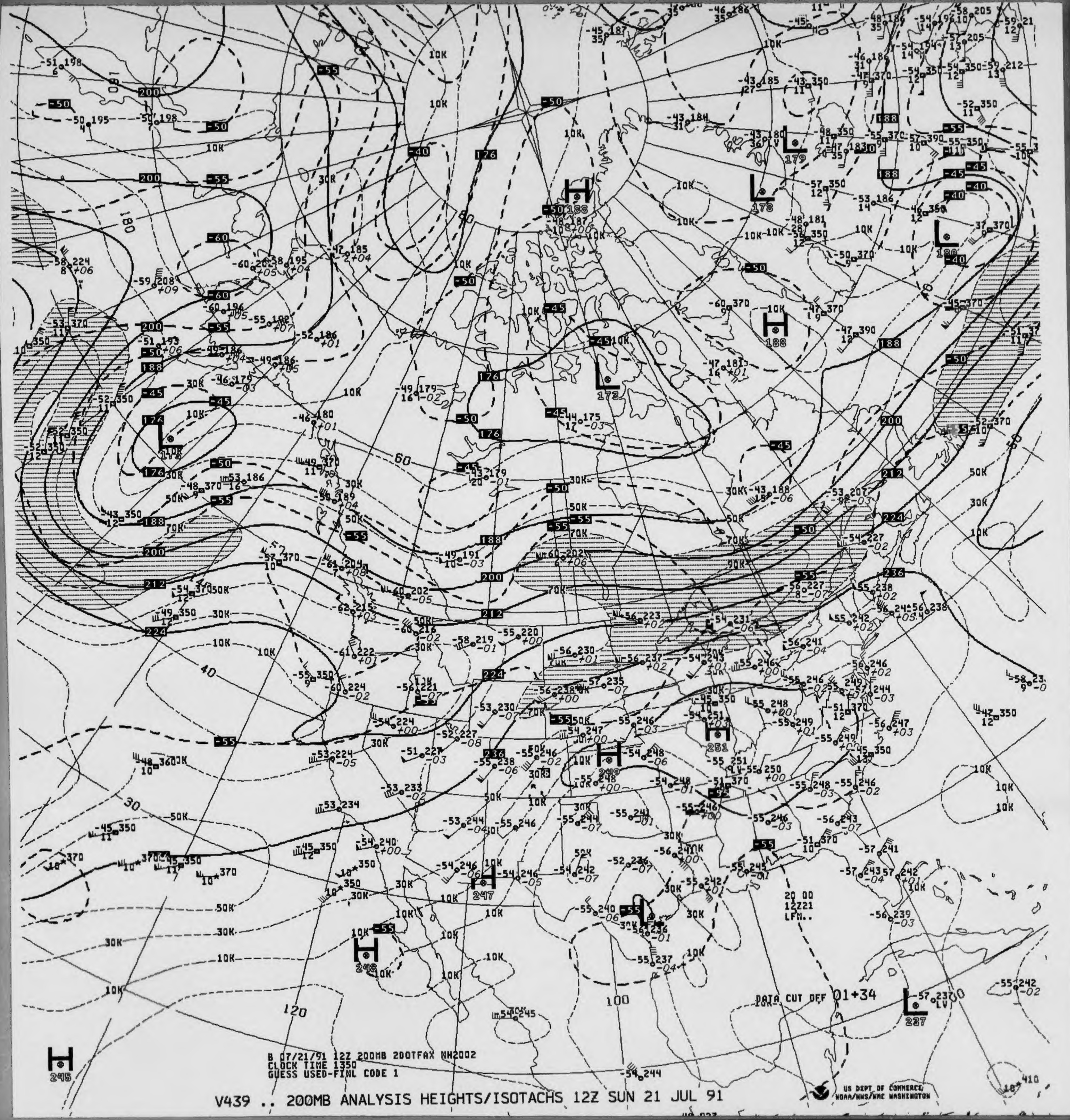
V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 20 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/21/91 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 203
GUESS USED-FINL CODE 1
DATA CUT OFF 01+40
20 00Z
00Z21
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H
L
188
200
212
224
236
248
10K
30K
50K
70K
90K
-45
-50
-55
-60

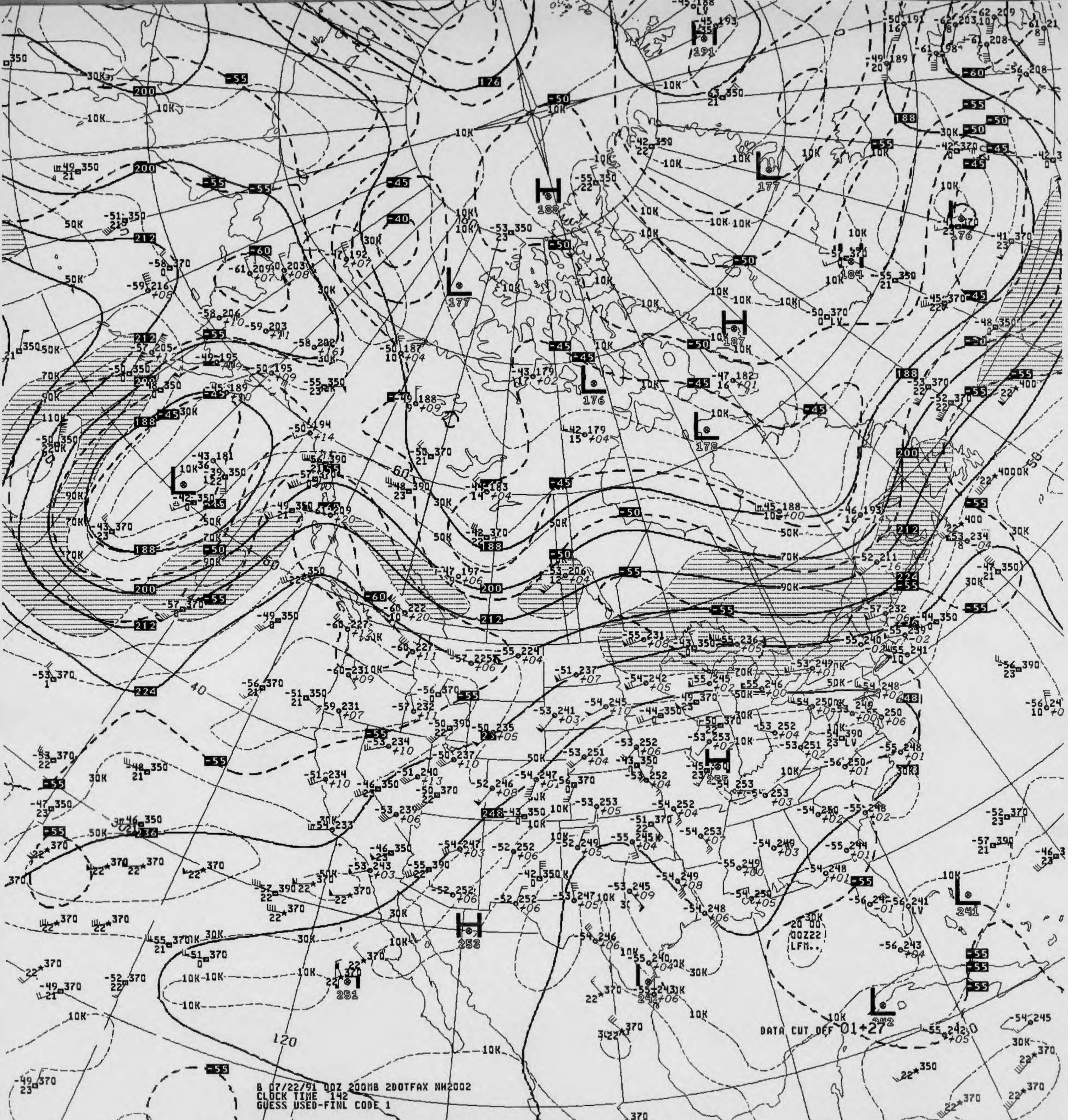
V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 21 JUL 91


H
188
H
188
H
251
H
249
H
247
H
248
H
245
L
179
L
173
L
180
L
173
L
173
L
237
176
188
200
212
224
236
-40
-45
-50
-55
-60
10K
30K
50K
70K
90K
180
120
100
60
40
30
DATA CUT OFF 01+34
20 00
12Z21
LFM..

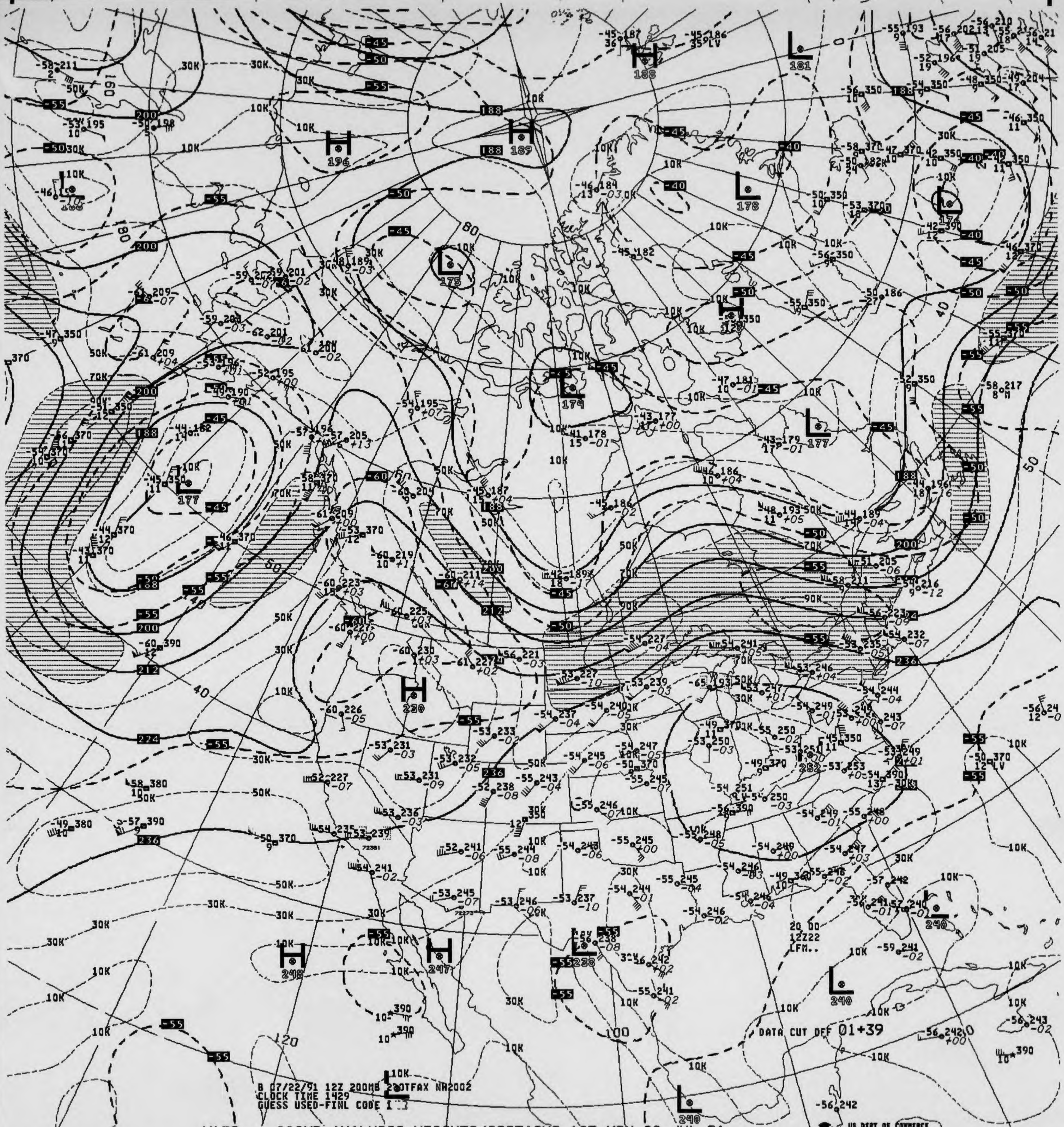
B 07/21/91 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1350
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 21 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

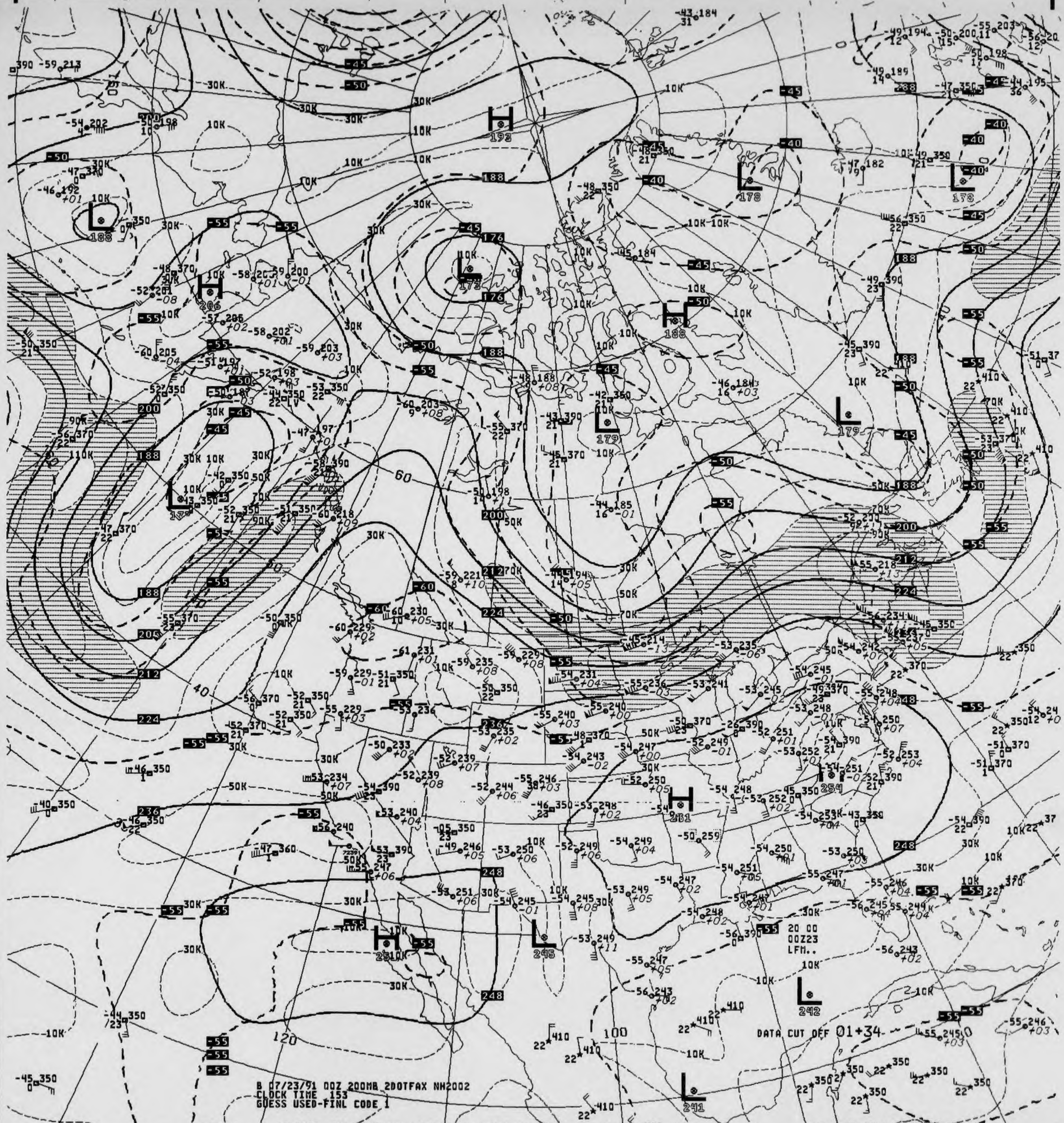

B 07/22/91 00Z 200MB 2D0TFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1
DATA CUT OFF 01+27
H
L
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 22 JUL 91


H 188
L 181
H 196
H 189
L 178
L 174
L 175
L 128
L 179
L 177
L 177
H 230
H 248
H 247
L 238
L 240
L 240
L 240
20 00
12Z22
LFM..
DATA CUT OFF 01+39
B 07/22/91 12Z 200MB 2?OTFAX NH2002
CLOCK TIME 1429
GUESS USED-FINL CODE 1 ?3

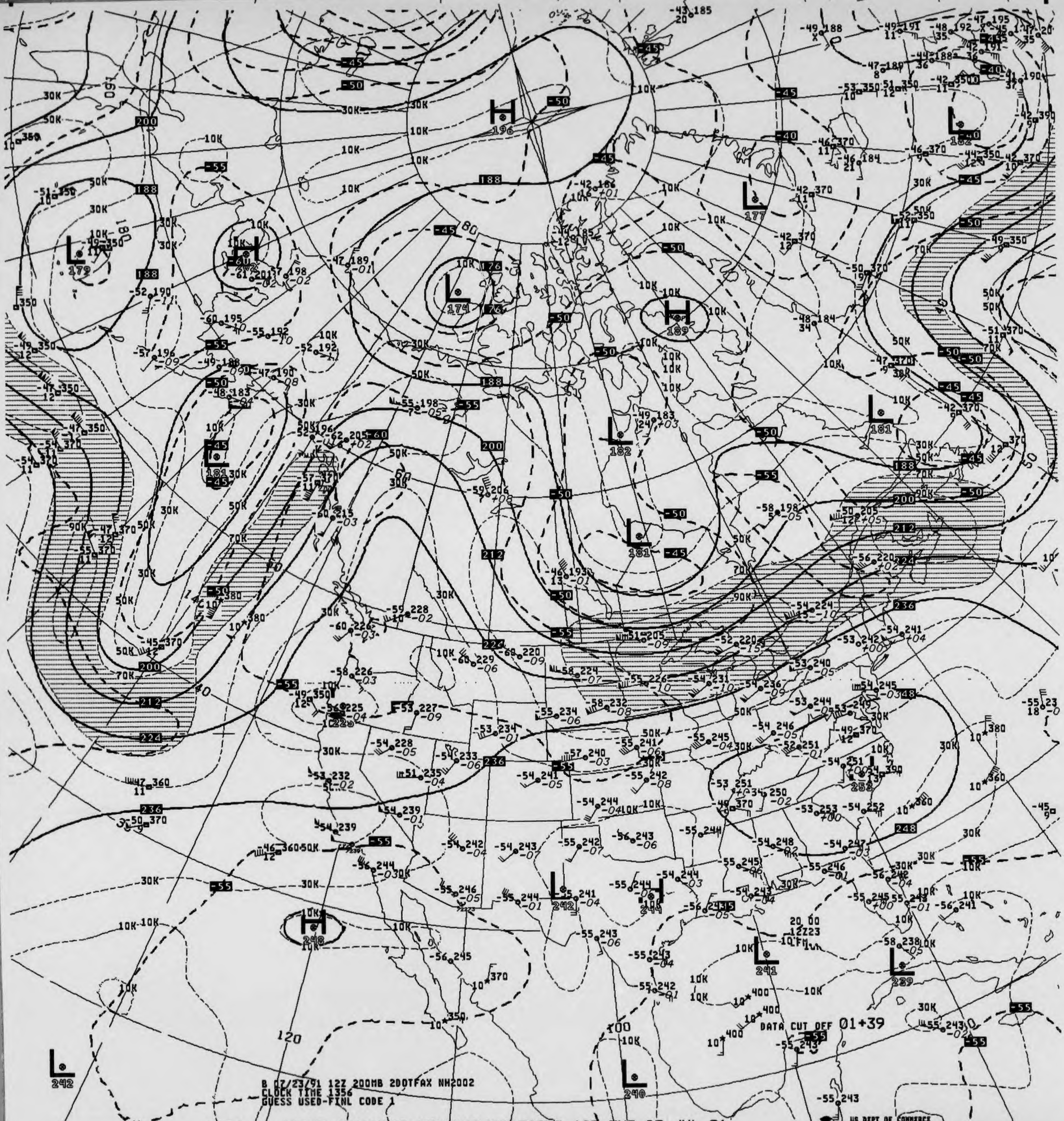
V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 22 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/23/91 00Z 200MB 20OTFAX NH2002
CLOCK TIME 153
GUESS USED-FINL CODE 1
DATA CUT OFF 01+34
20 00
00Z23
LFM..

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 23 JUL 91

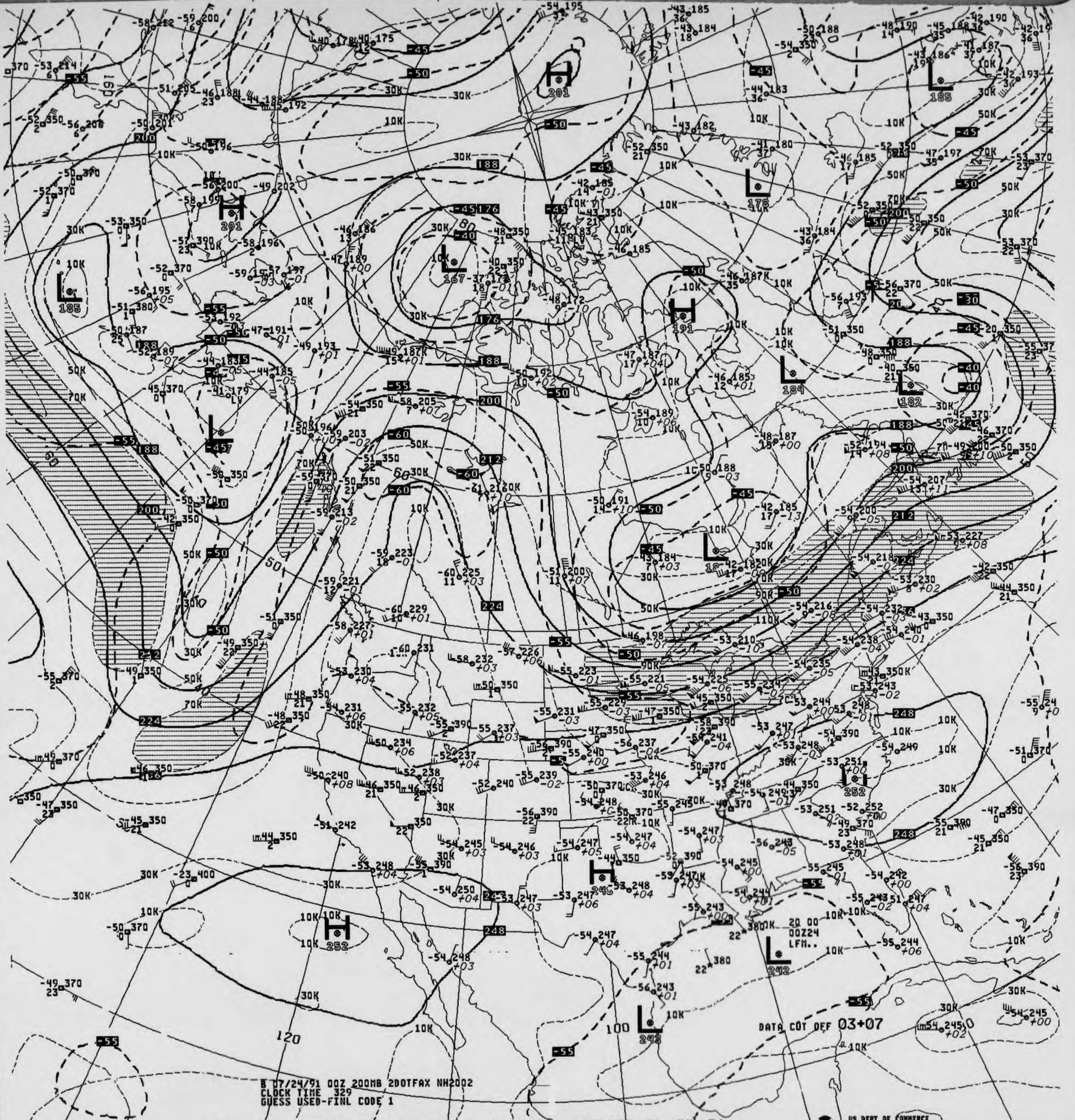
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 196
H 189
H 248
L 179
L 174
L 182
L 181
L 177
L 241
L 239
L 242
L 240
DATA CUT OFF 01+39
20 00
12Z23
10 FM

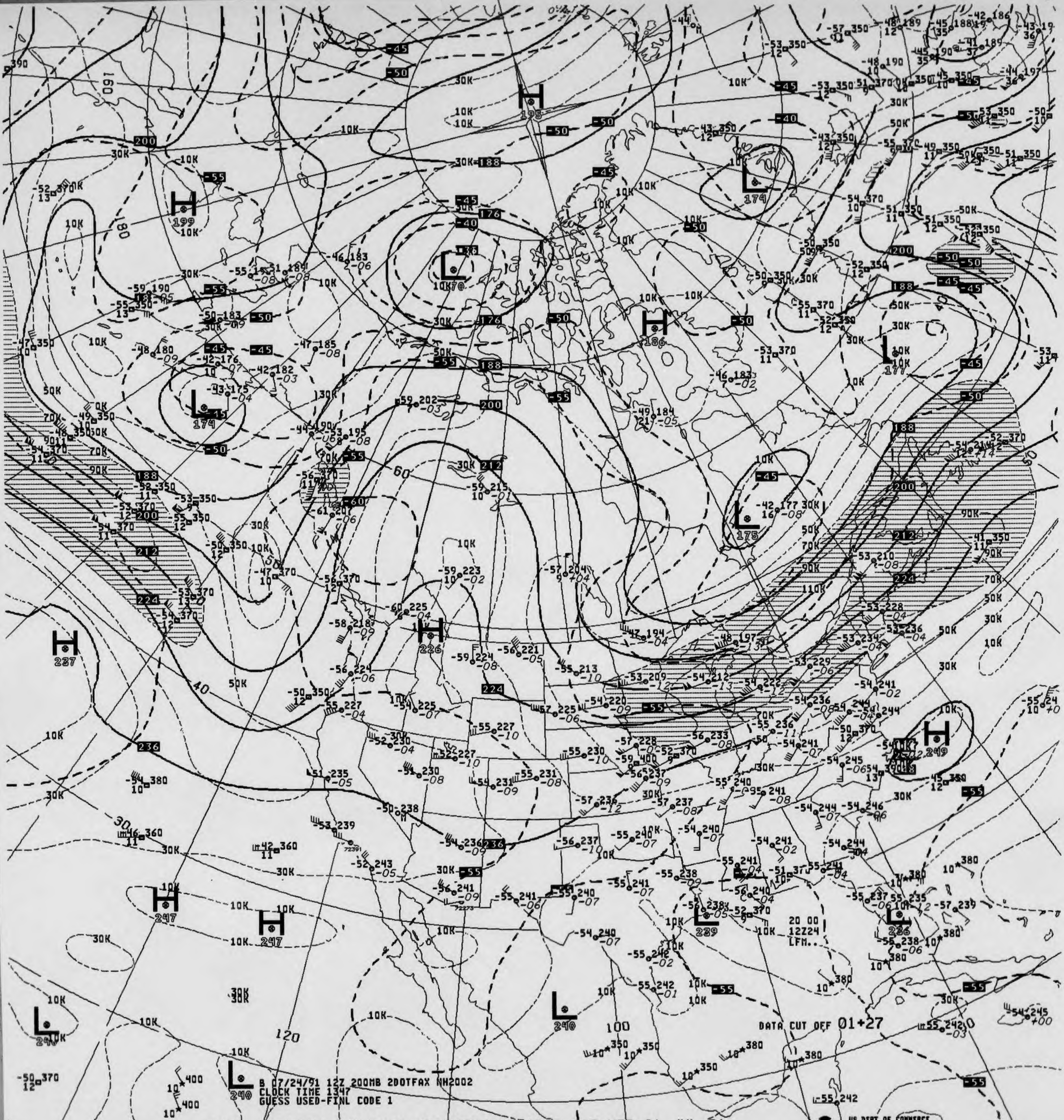
B 07/23/91 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1356
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 23 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/24/91 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 329
GUESS USED-FINL CODE 1
DATA CUT OFF 03+07
20 00
00Z24
LFM..
H 201
H 201
H 191
H 246
H 252
H 252
L 185
L 185
L 167
L 176
L 184
L 182
L 242
L 243
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 24 JUL 91


H 195
H 199
L 174
L 170
L 174
H 186
L 177
L 175
H 237
H 226
H 249
H 247
H 247
L 239
L 236
L 240
L 240
L 240
180
160
120
100
60
50
40
30

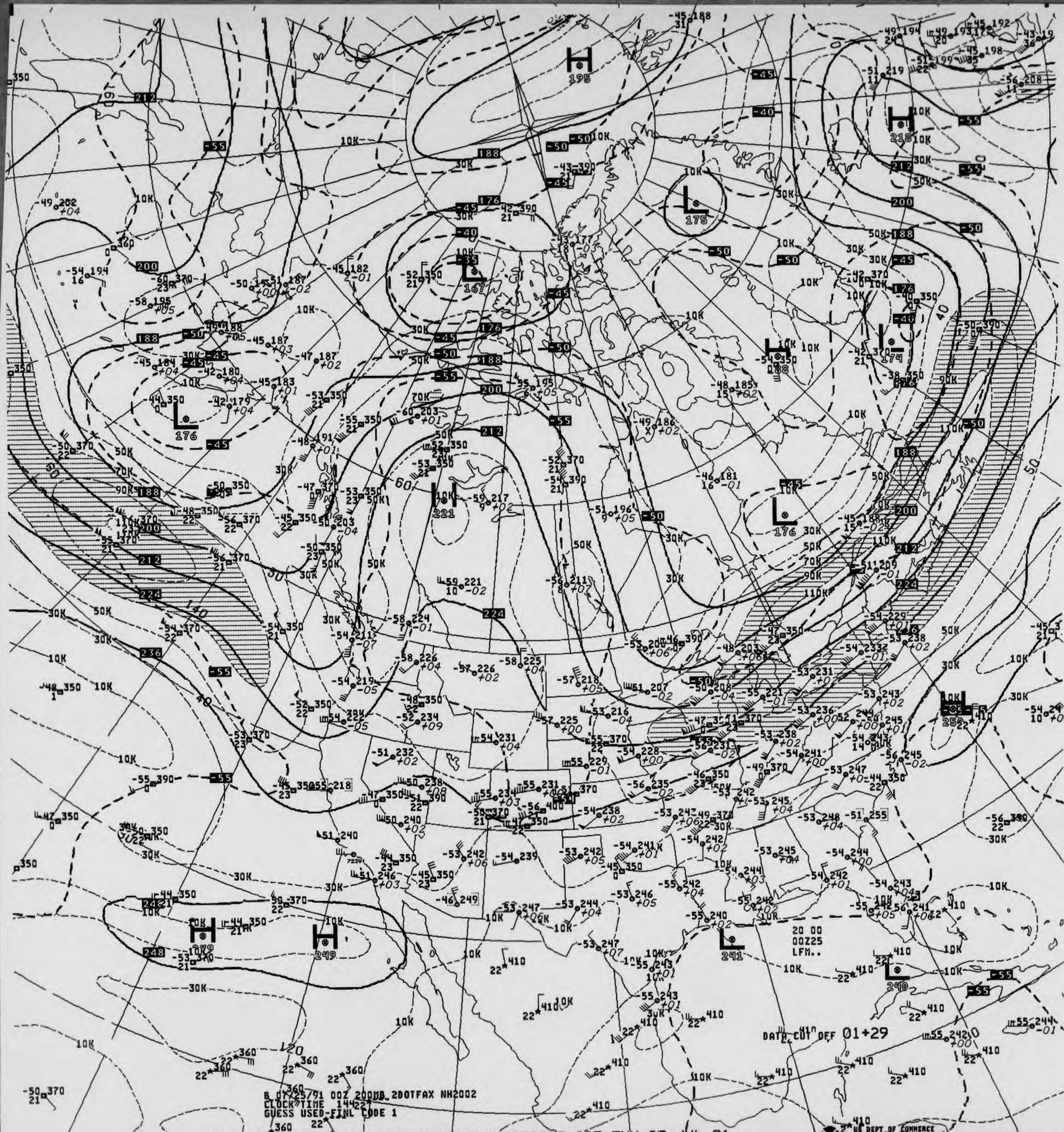
DATA CUT OFF 01+27

20 00
12Z24
LFM..

B 07/24/91 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1347
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 24 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/25/91 00Z 200MB 200TFAX NH2002
CLOCK TIME 1442Z
GUESS USED-FINL CODE 1
DATA CUT OFF 01+29
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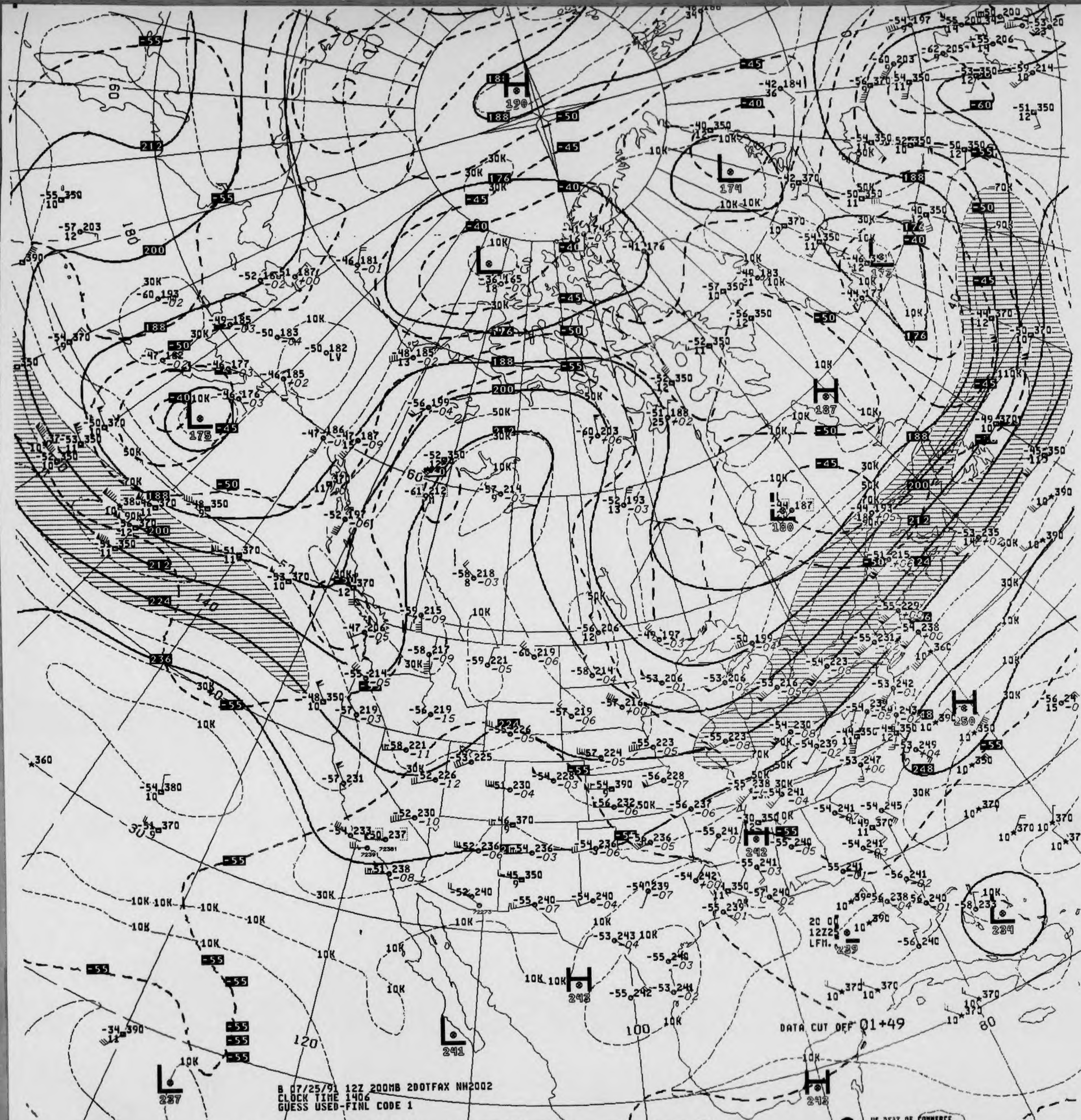
00Z25
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H 195
H 218
L 175
L 161
L 176
L 221
L 176
L 174
H 208
L 241
L 240
H 249
H 259
H 249

V039 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 25 JUL 91

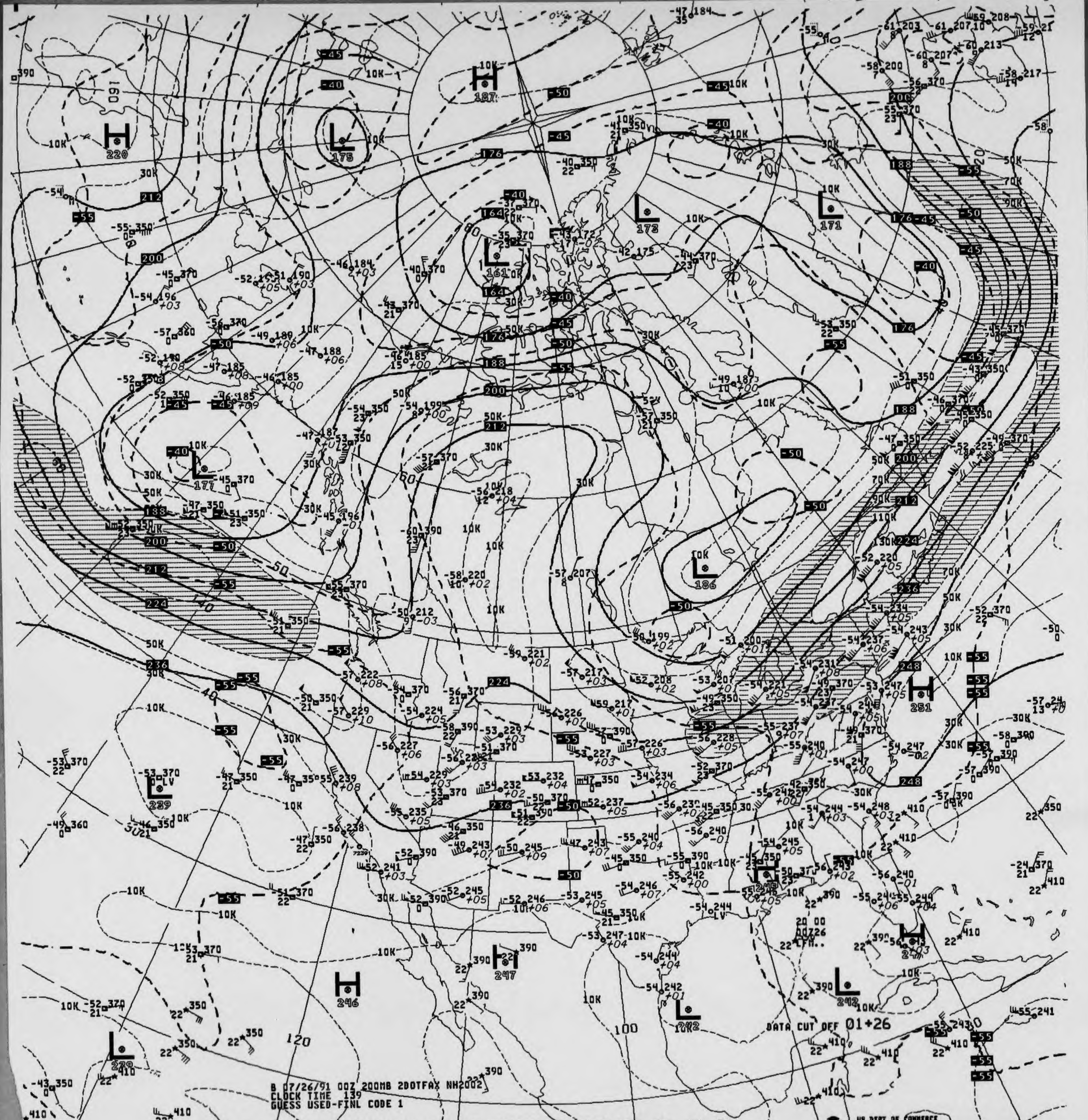


H 190
L 174
L 175
L 180
H 187
L 173
H 250
H 242
L 234
H 243
L 241
L 237
H 243
188
200
212
224
236
176
-55
-50
-45
-40
-60
10K
30K
50K
70K
90K
110K
DATA CUT OFF 01+49
20 00
12Z2
LFM.

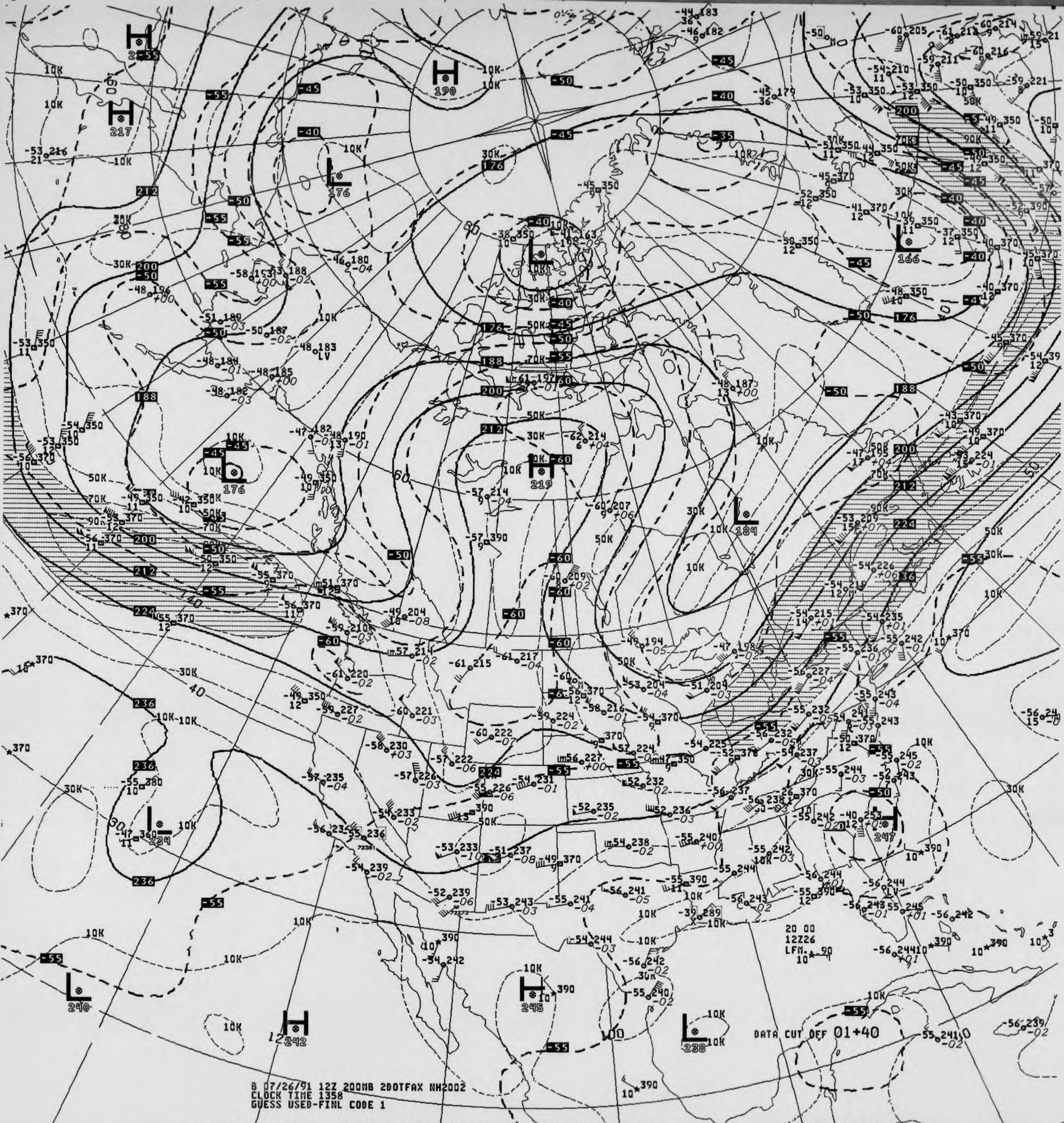
B 07/25/91 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1406
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 25 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

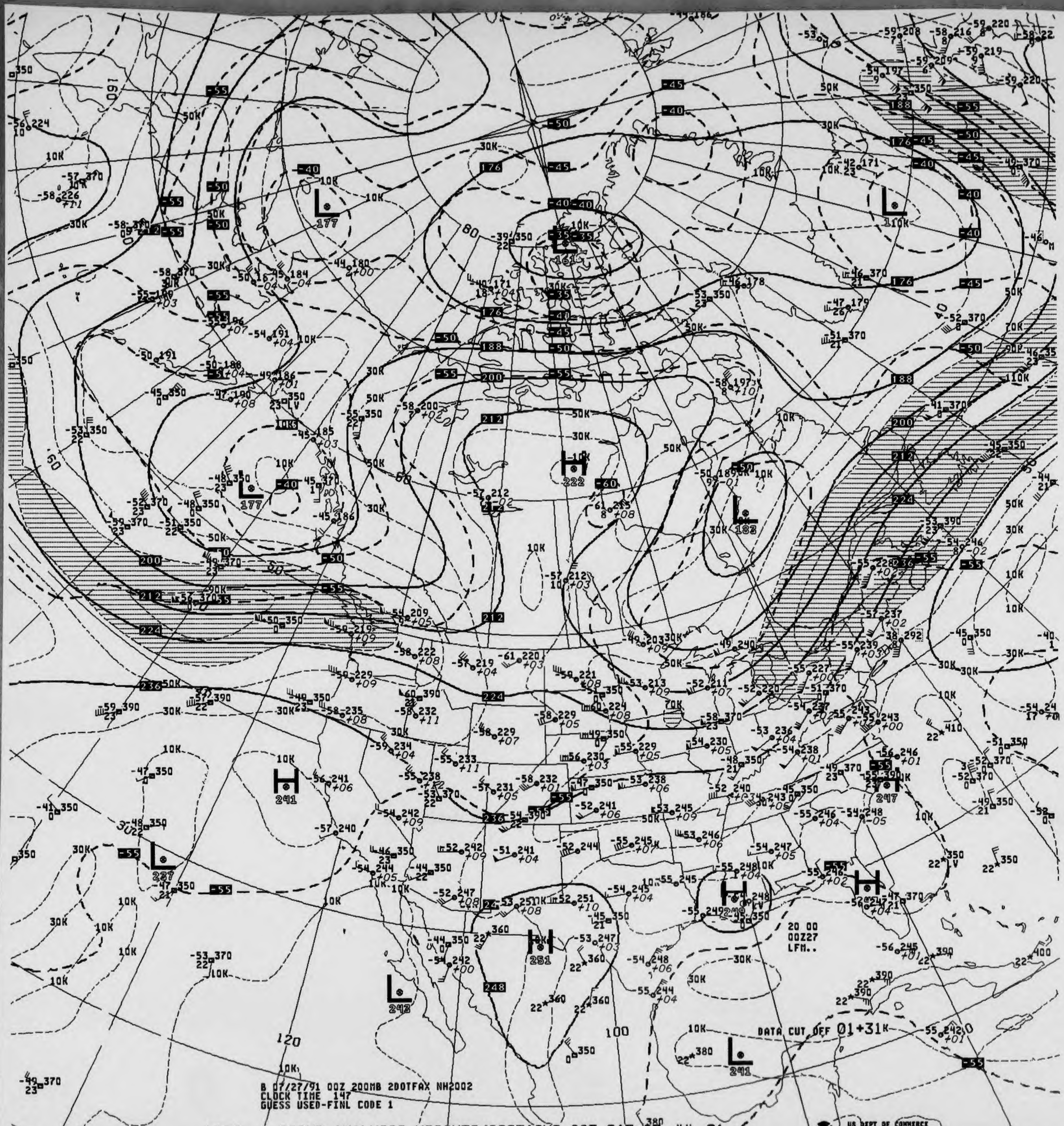

B 07/26/91 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 139
GUESS USED-FINL CODE 1
DATA CUT OFF 01+26
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H 187
H 220
L 175
L 161
L 172
L 171
L 177
L 186
H 251
L 239
H 247
H 246
L 229
L 242
L 242
120
100

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 26 JUL 91


B 07/26/91 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1358
GUESS USED-FINL CODE 1
DATA CUT OFF 01+40
20 00
12Z26
LFM. 90
H
190
217
L
176
161
166
219
184
234
240
242
245
238
247

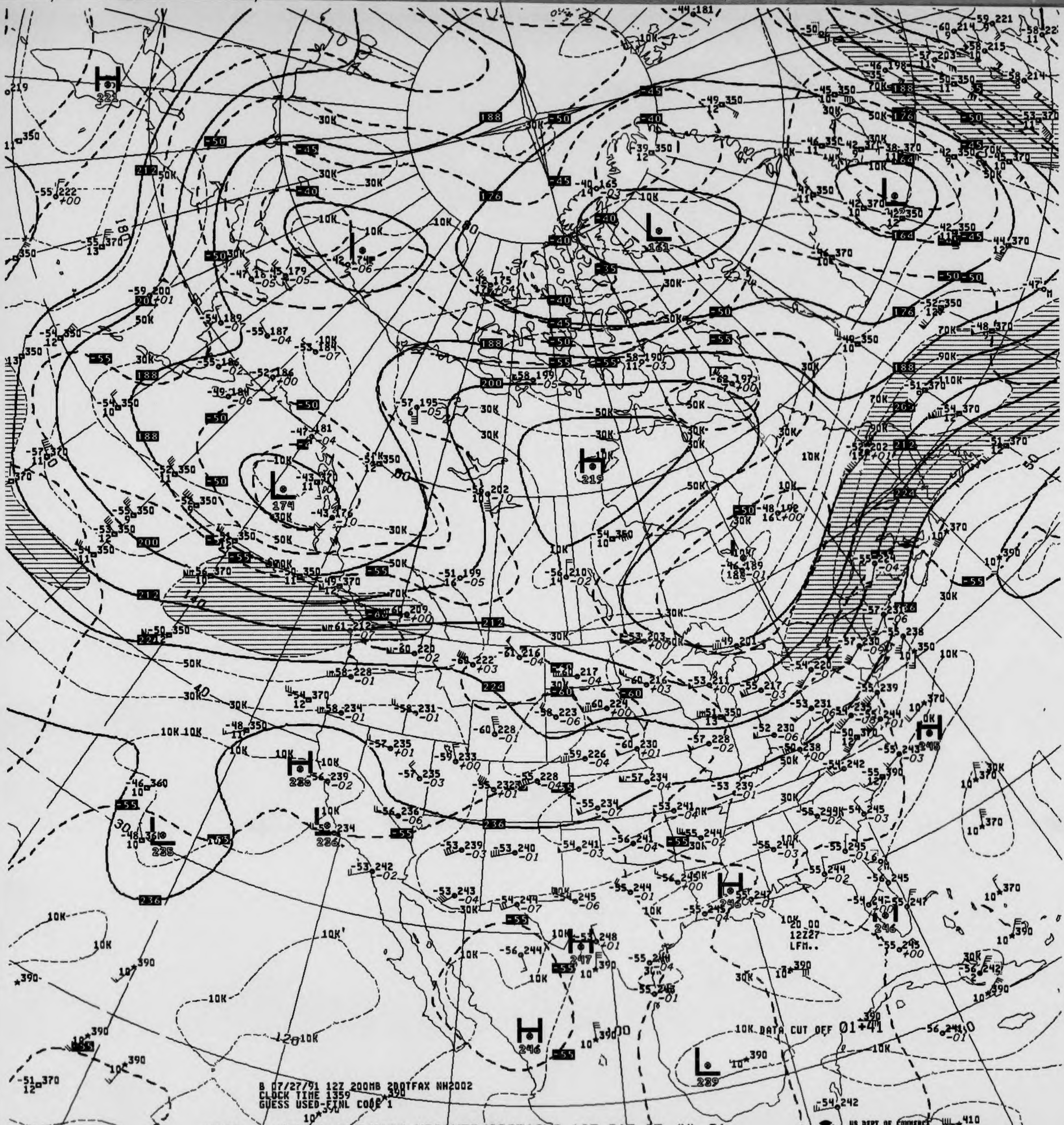
V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 26 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/27/91 00Z 200MB 200TFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1
DATA CUT OFF 01+31
20 00
00Z27
LFM..

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 27 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+41
B 07/27/91 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1
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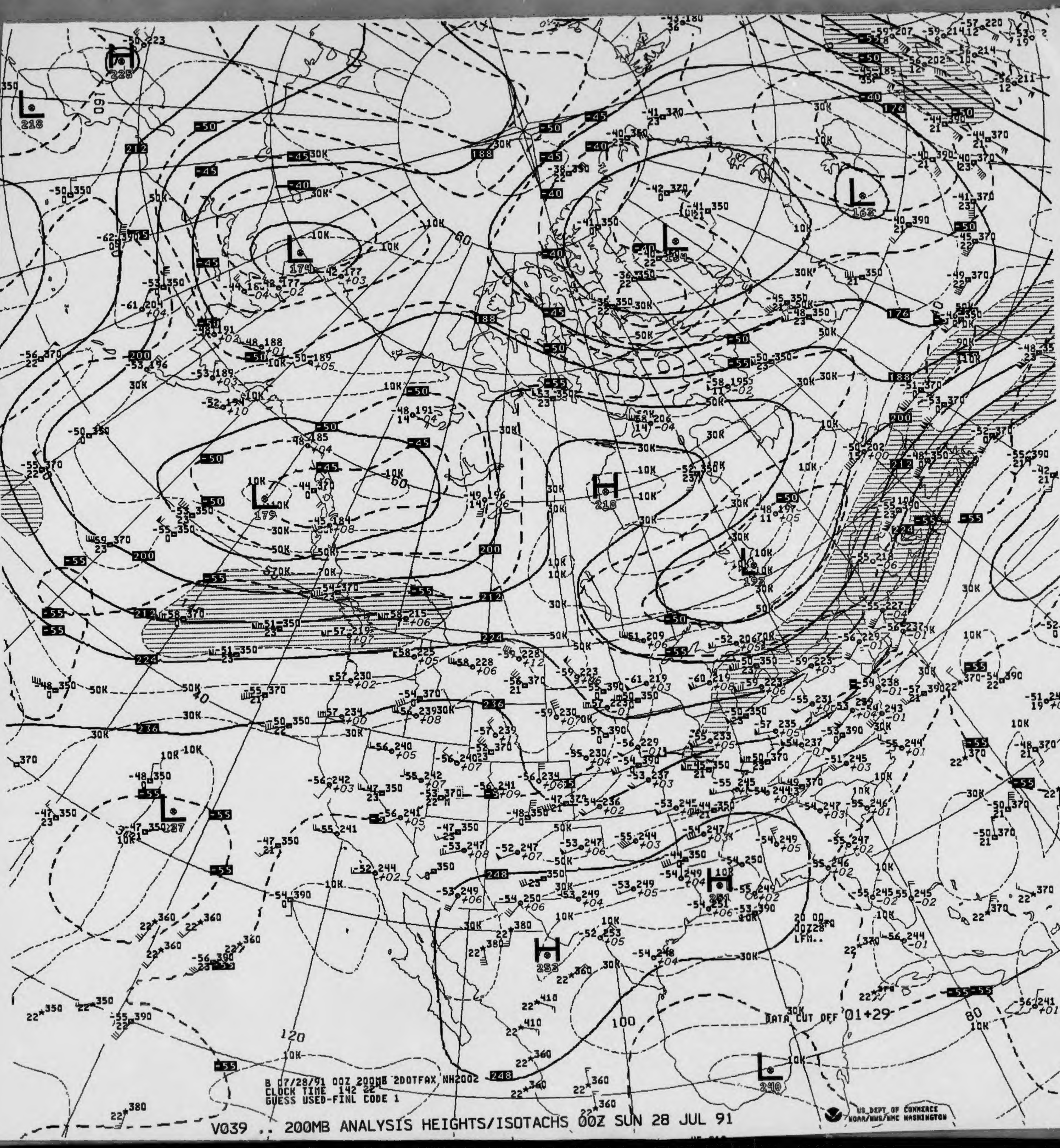
12Z27
LFM..

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 27 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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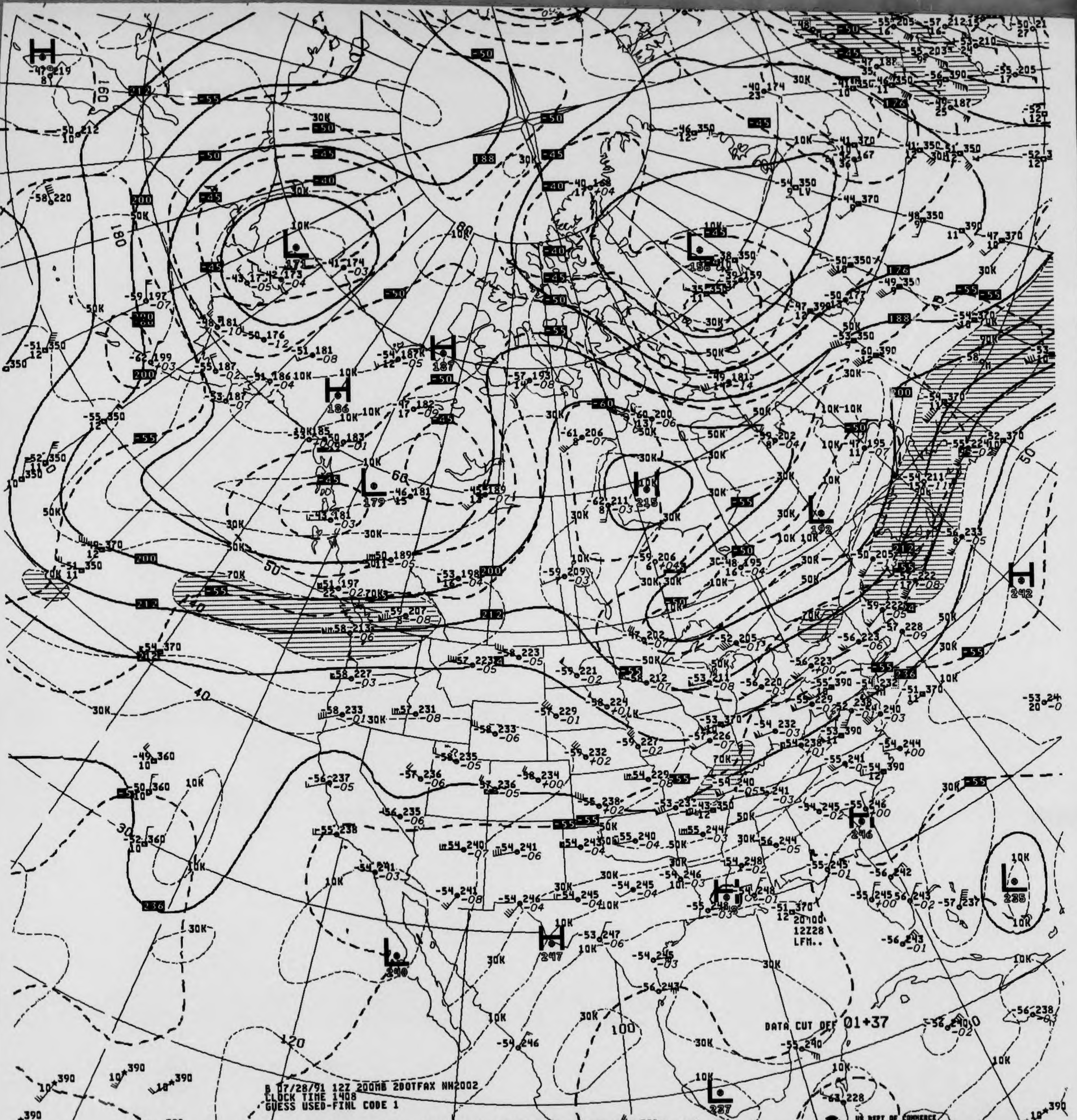
20 00
00Z28
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

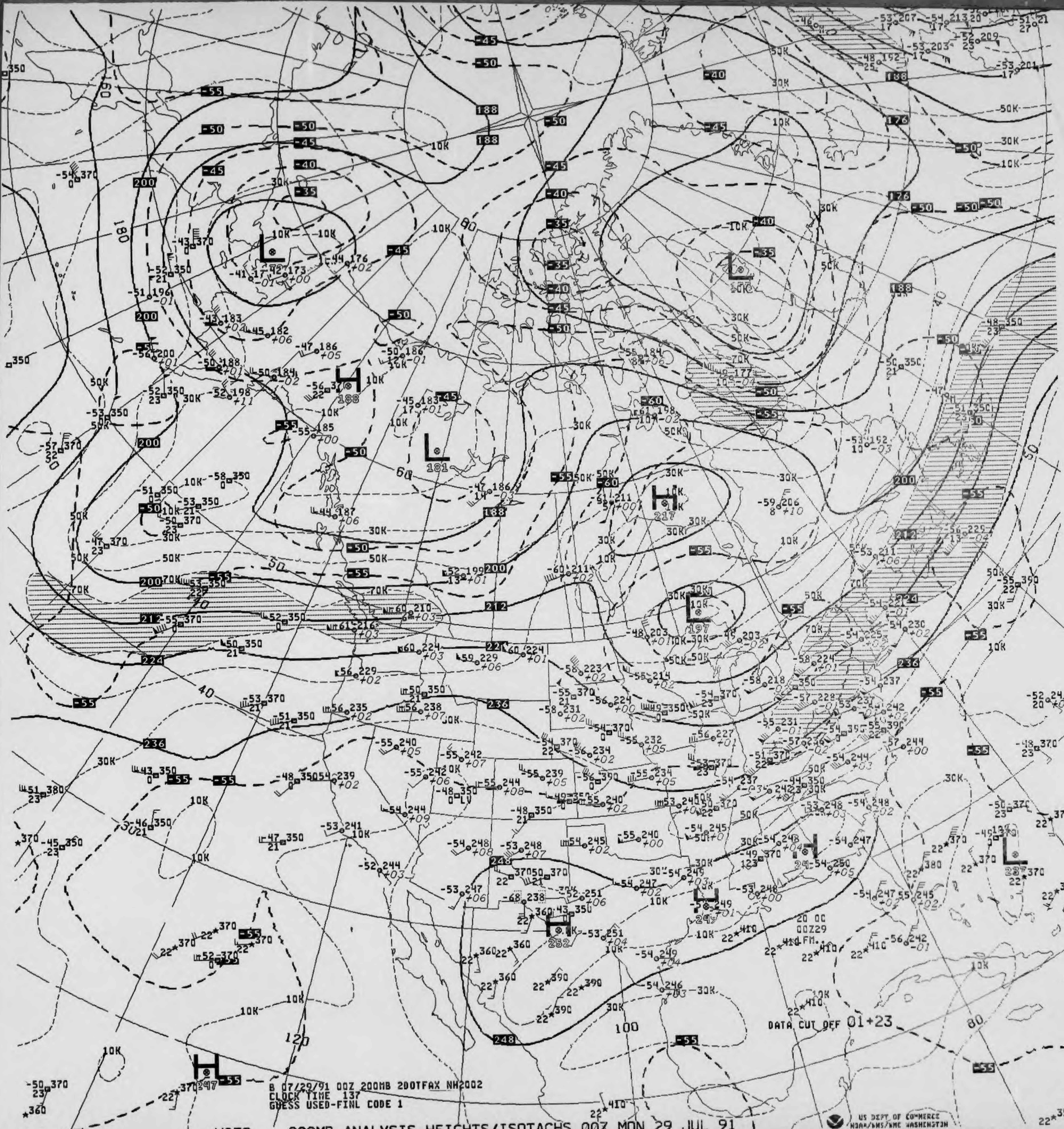
B 07/28/91 00Z 200MB 2DOTFAX NH2002
CLOCK TIME 142 22
GUESS USED-FINL CODE 1

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 28 JUL 91

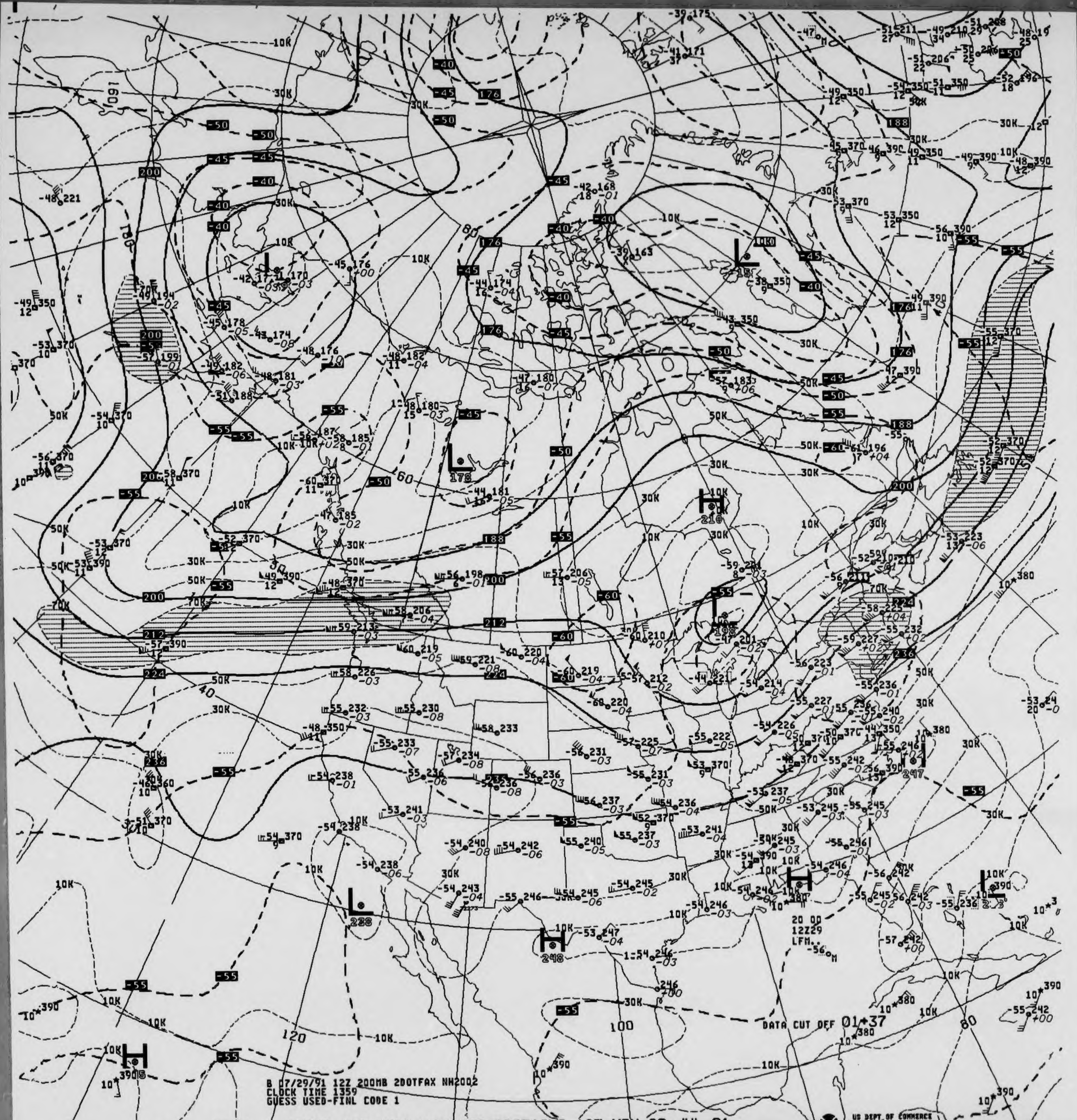

H
186
H
187
L
179
L
171
H
215
L
192
H
242
H
246
H
247
L
240
L
235
L
237
DATA CUT OFF 01+37
20 00
12Z28
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 07/28/91 12Z 200MB 200TFAX NH2002
CLOCK TIME 1408
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 28 JUL 91


B 07/29/91 00Z 200MB 200TFAX NH2002
CLOCK TIME 137
GUESS USED-FINL CODE 1
DATA CUT OFF 01+23
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 29 JUL 91


DATA CUT OFF 01+37
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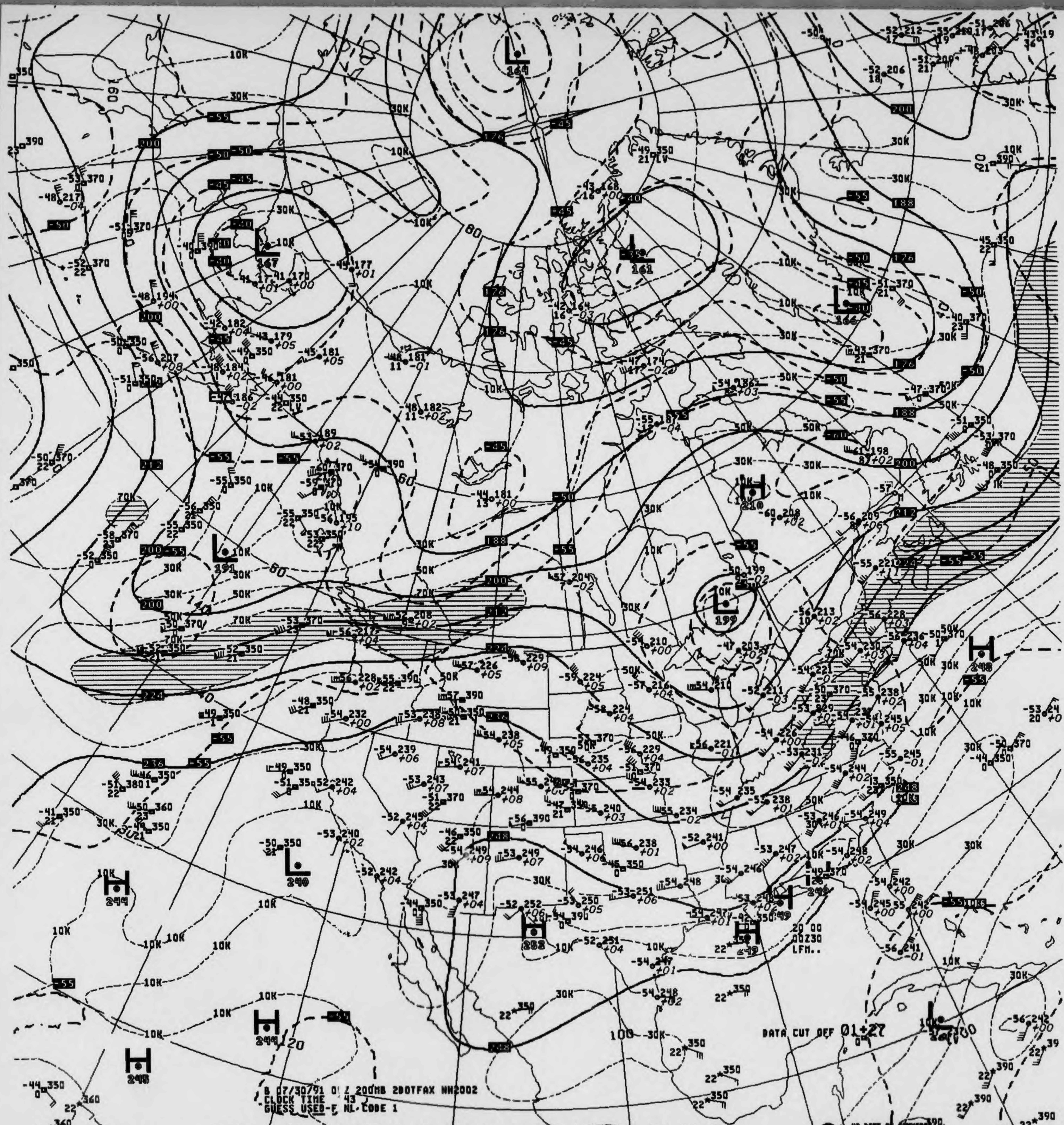
12Z29
LFM..

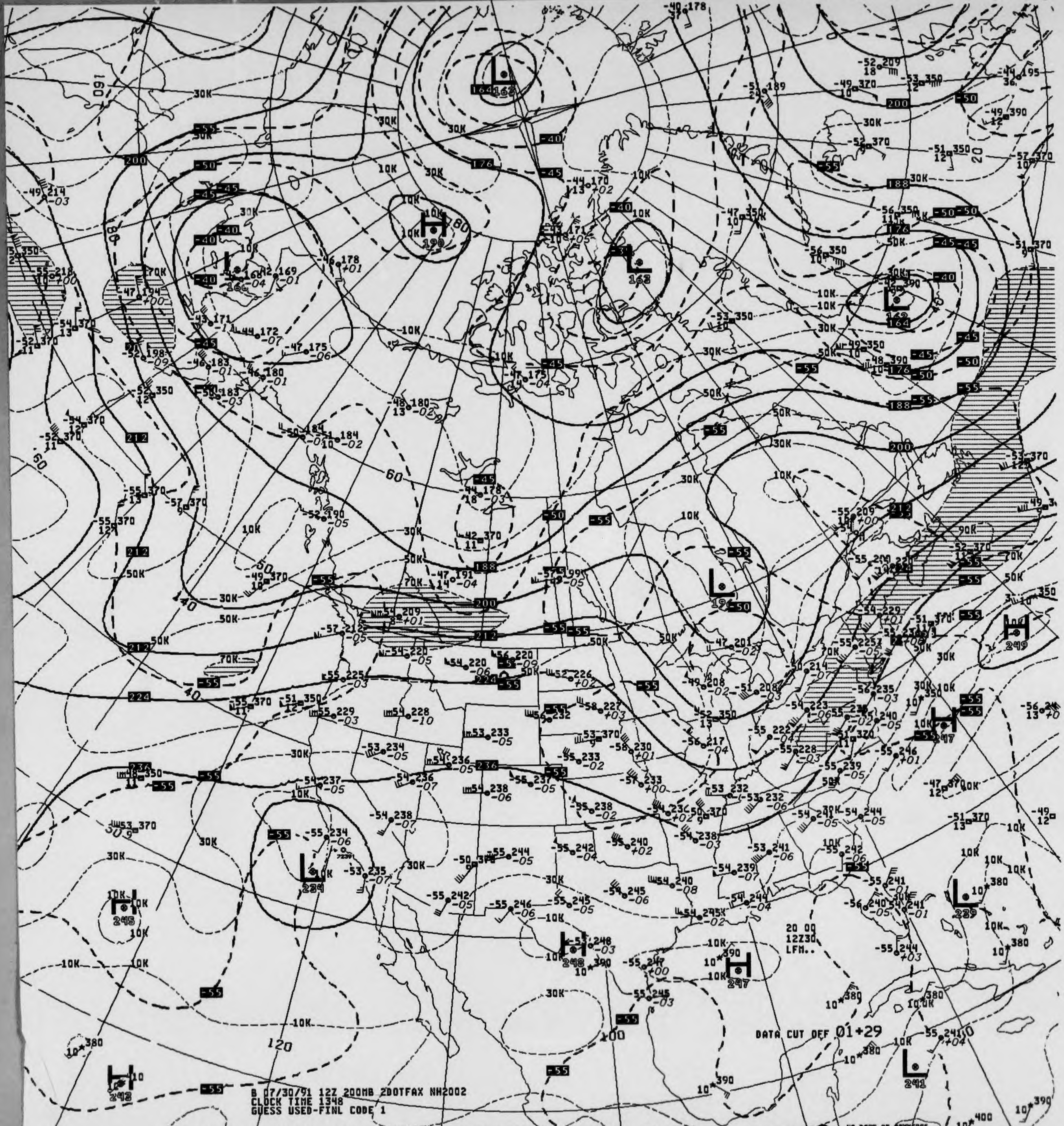
B 07/29/91 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 29 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L
164
L
167
L
161
L
166
L
191
H
210
L
199
H
248
L
240
H
244
H
249
H
252
H
249
H
244
H
248
10K
30K
50K
70K
B 07/30/91 00Z 200MB 20OTFAX NH2002
CLOCK TIME 43
GUESS USED-F NL CODE 1
20 00
00Z30
LFM..
DATA CUT OFF 01+27
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

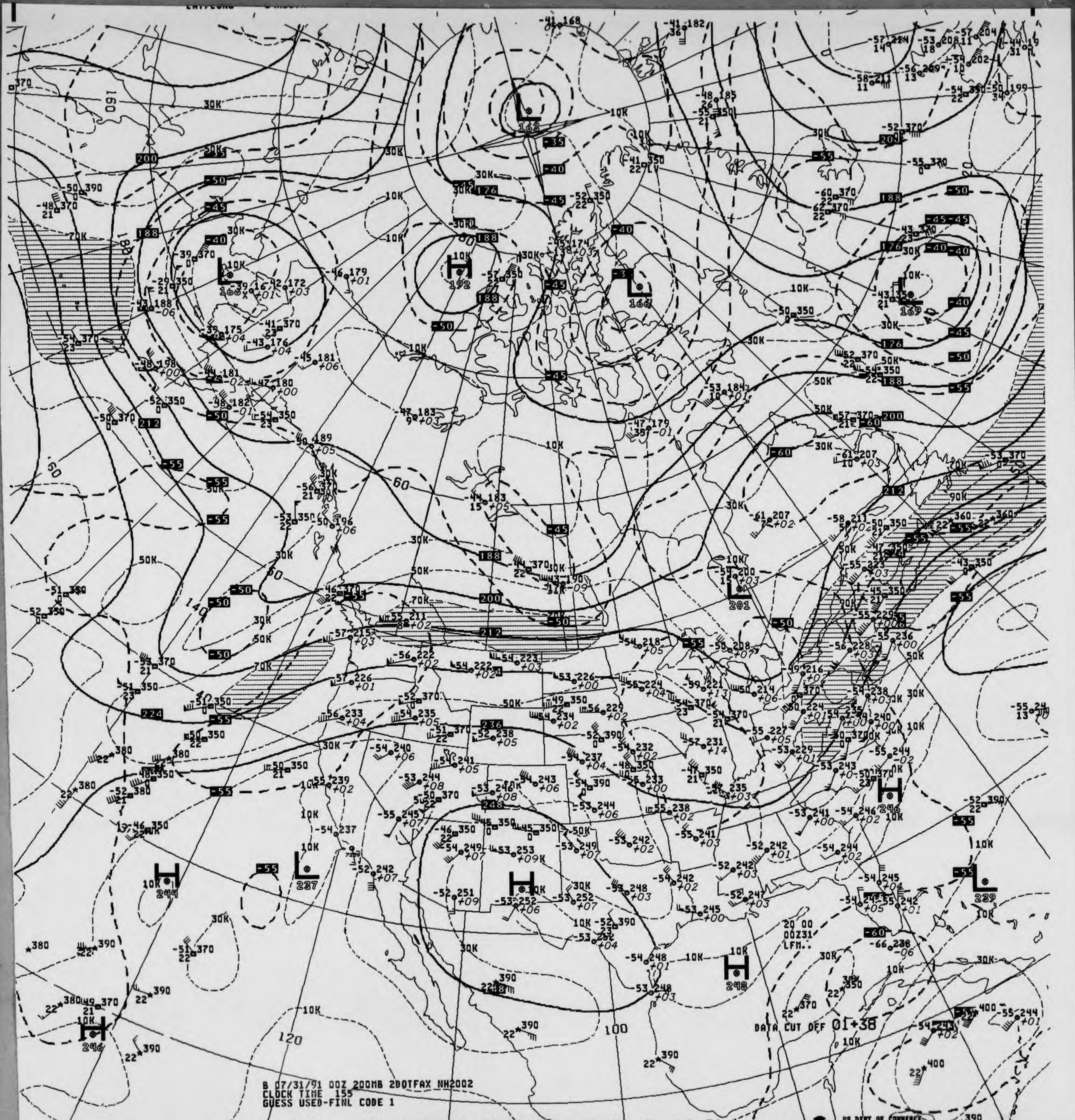
V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 30 JUL 91


DATA CUT OFF 01+29
20 00
12Z30
LFM..
H
190
L
162
L
163
L
162
L
166
L
196
L
224
H
249
H
247
L
239
H
247
H
248
H
245
H
242
L
241

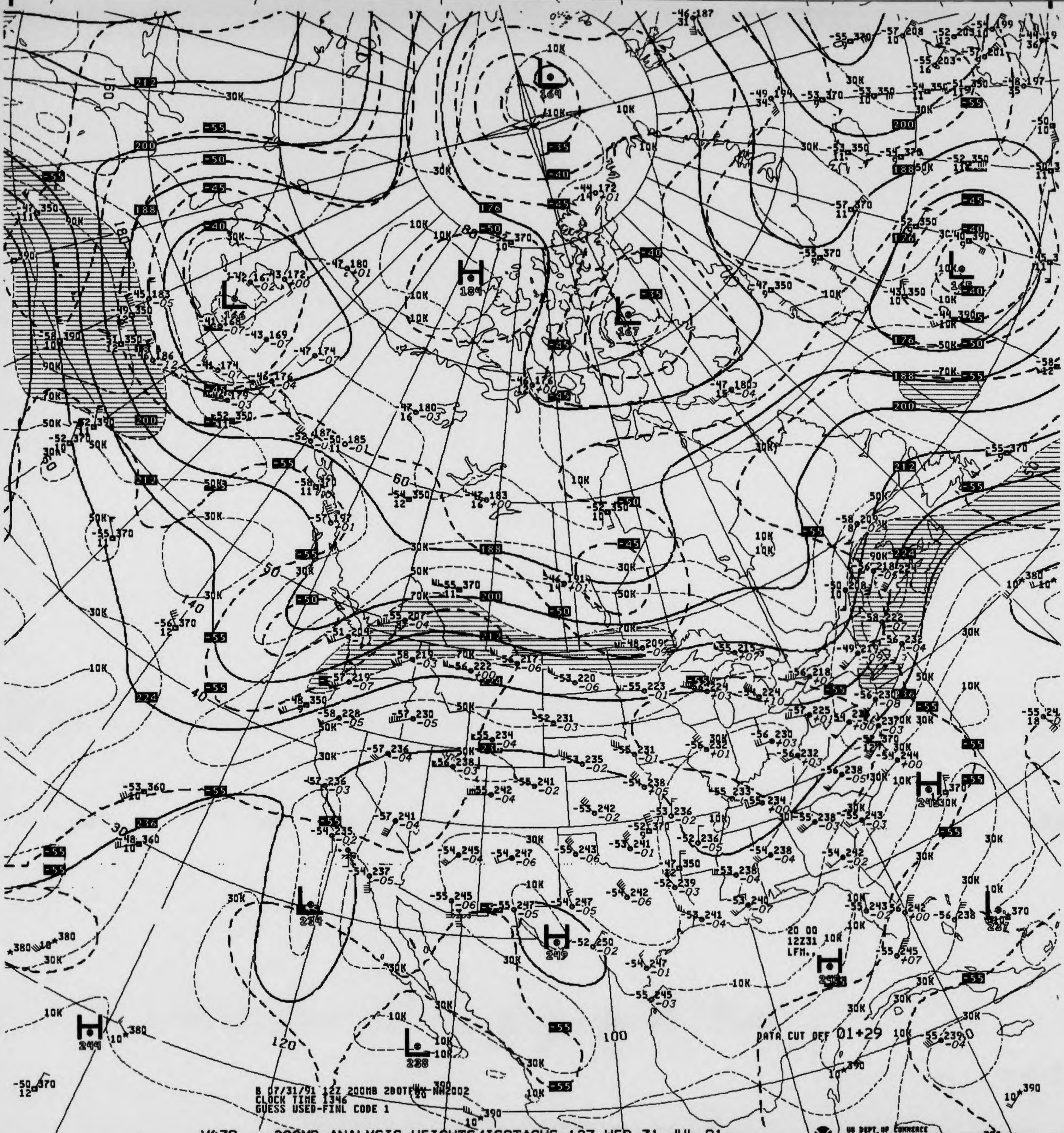
B 07/30/91 12Z 200MB 2DOTFAX NH2002
CLOCK TIME 1348
GUESS USED-FINL CODE 1

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 30 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/31/91 00Z 200MB 200TFAX NH2002
CLOCK TIME 155
GUESS USED-FINL CODE 1
DATA CUT OFF 01+38
20 00
00Z31
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
H
L
30K
50K
70K
90K
10K
160
176
188
200
212
224
236
248
-35
-40
-45
-50
-55
-60
60
100
120
140
180

V039 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 31 JUL 91



B 07/31/91 12Z 200MB 2DOTF NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1
DATA CUT OFF 01+29
20 00
12Z31 10K
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V439 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 31 JUL 91

cv. 8- 83)

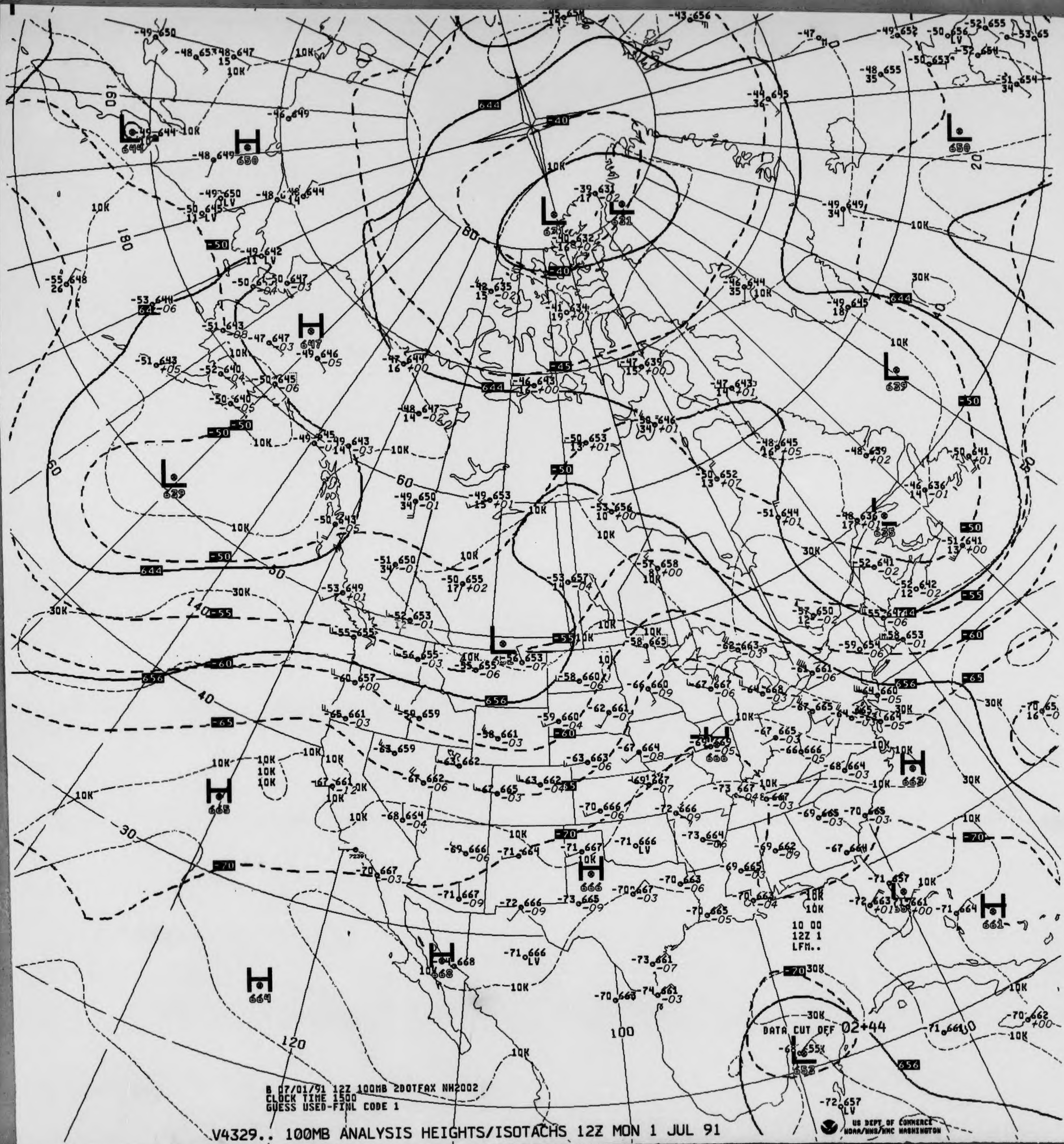
National Environmental Satellite, Data, and Information Se
National Climatic Data Center

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

100 MB CONSTANT PRESSURE CHARTS

NORTH AMERICAN NMC

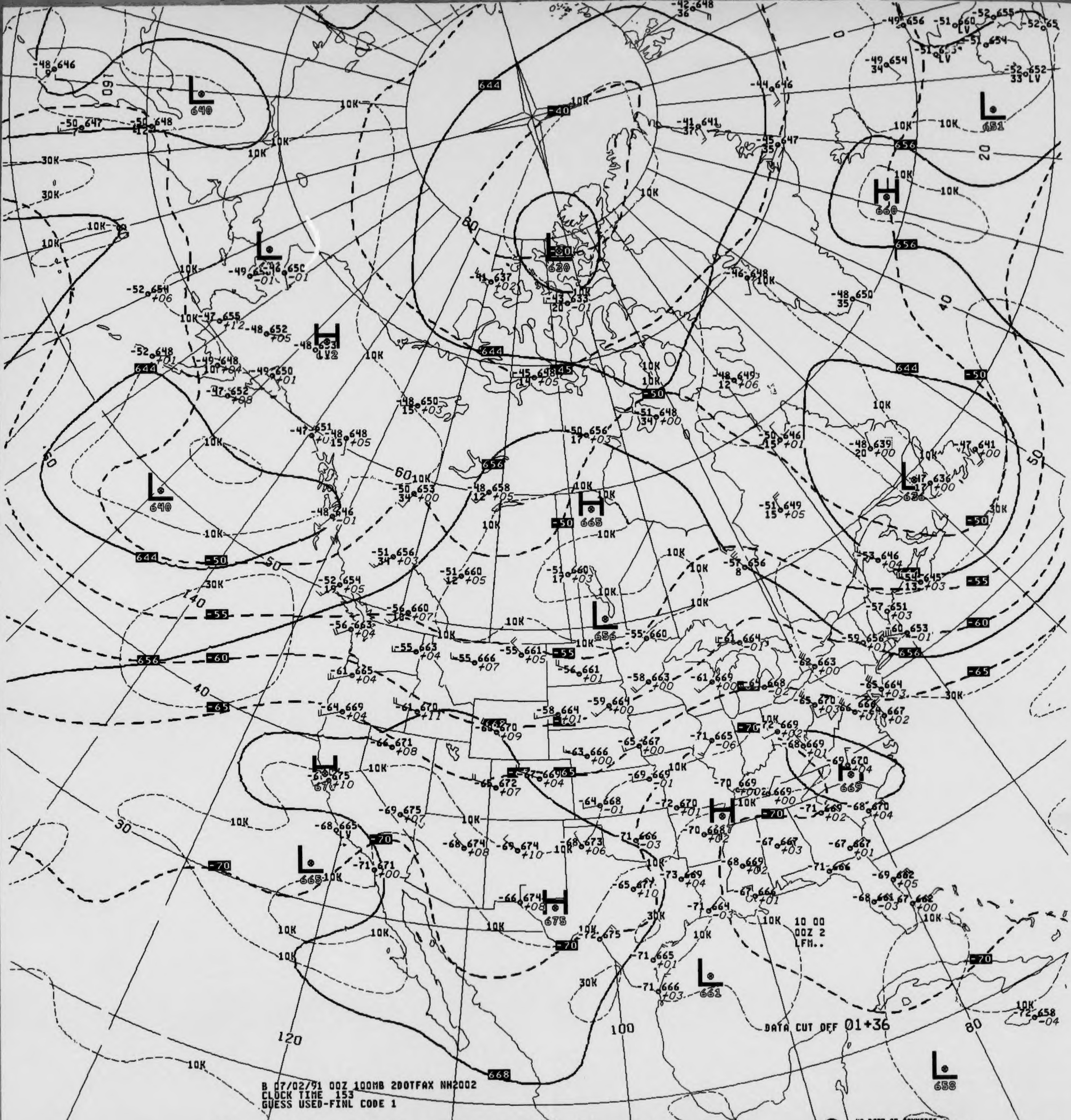
ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING


644
-40
-45
-50
-55
-60
-65
-70
656
10K
30K
160
180
140
120
100
80
60
40
30
20
10 00
12Z 1
LFM..
DATA CUT OFF 02+44

B 07/01/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1500
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 1 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 640
L 640
L 630
L 651
L 656
L 636
L 665
L 661
L 658
H 653
H 660
H 665
H 675
H 669
H 667
644
656
668
-40
-45
-50
-55
-60
-65
-70
10K
30K
160
140
120
100
80
60
50
40
30
20
0

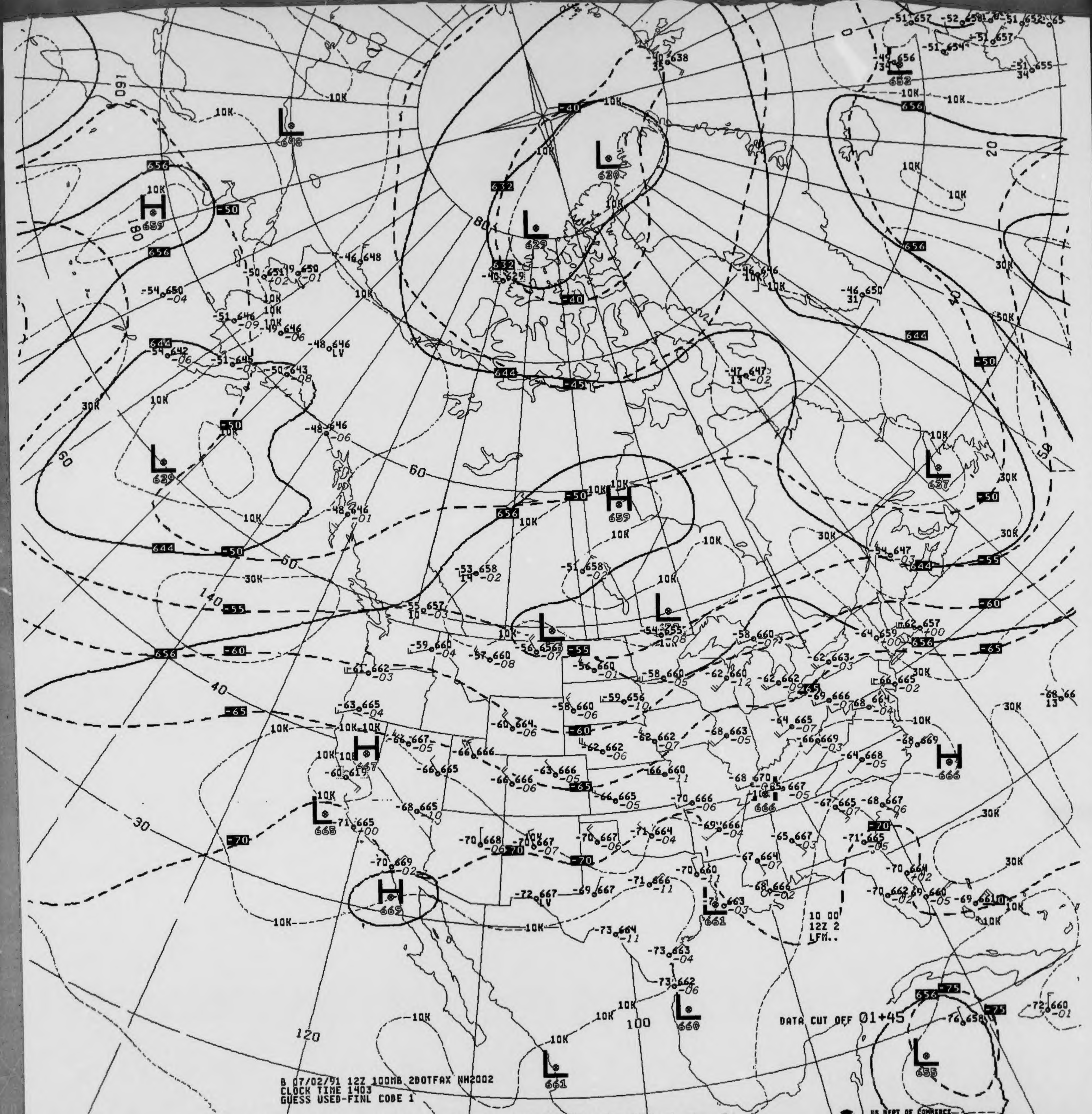
DATA CUT OFF 01+36

10 00
00Z 2
LFM..

B 07/02/91 00Z 100MB 200TFAX NH2002
CLOCK TIME 153
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 2 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

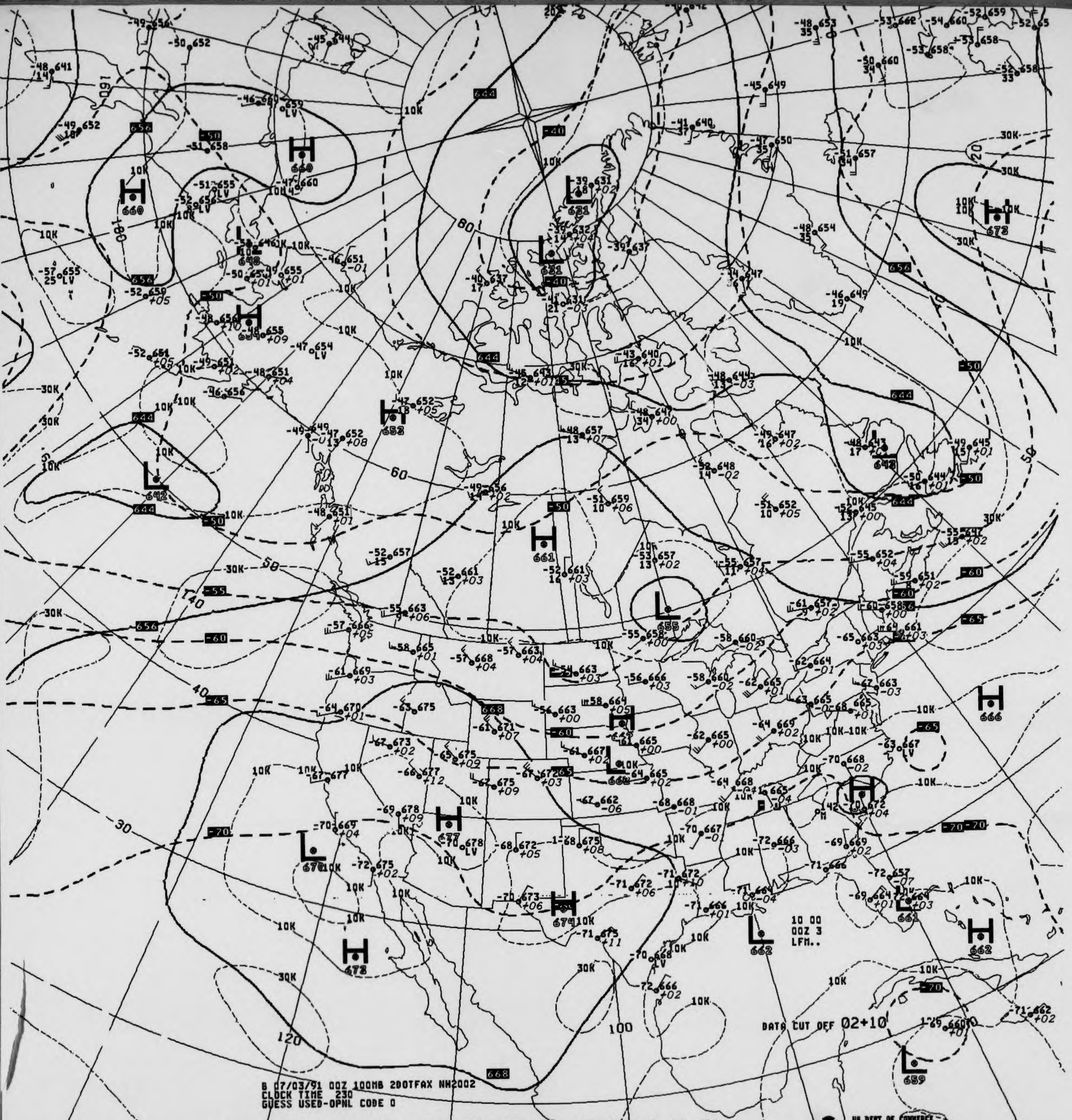

L 648
H 659
L 630
L 629
L 639
H 659
L 637
L
L 656
H 667
L 665
H 669
L 661
H 666
L 660
L 661
L 655
656
644
632
-40
-45
-50
-55
-60
-65
-70
-75
10K
30K
50K
160
180
140
120
100
80
60
50
40
30
20
0
10 00
12Z 2
LFM..

B 07/02/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1403
GUESS USED-FINL CODE 1

DATA CUT OFF 01+45

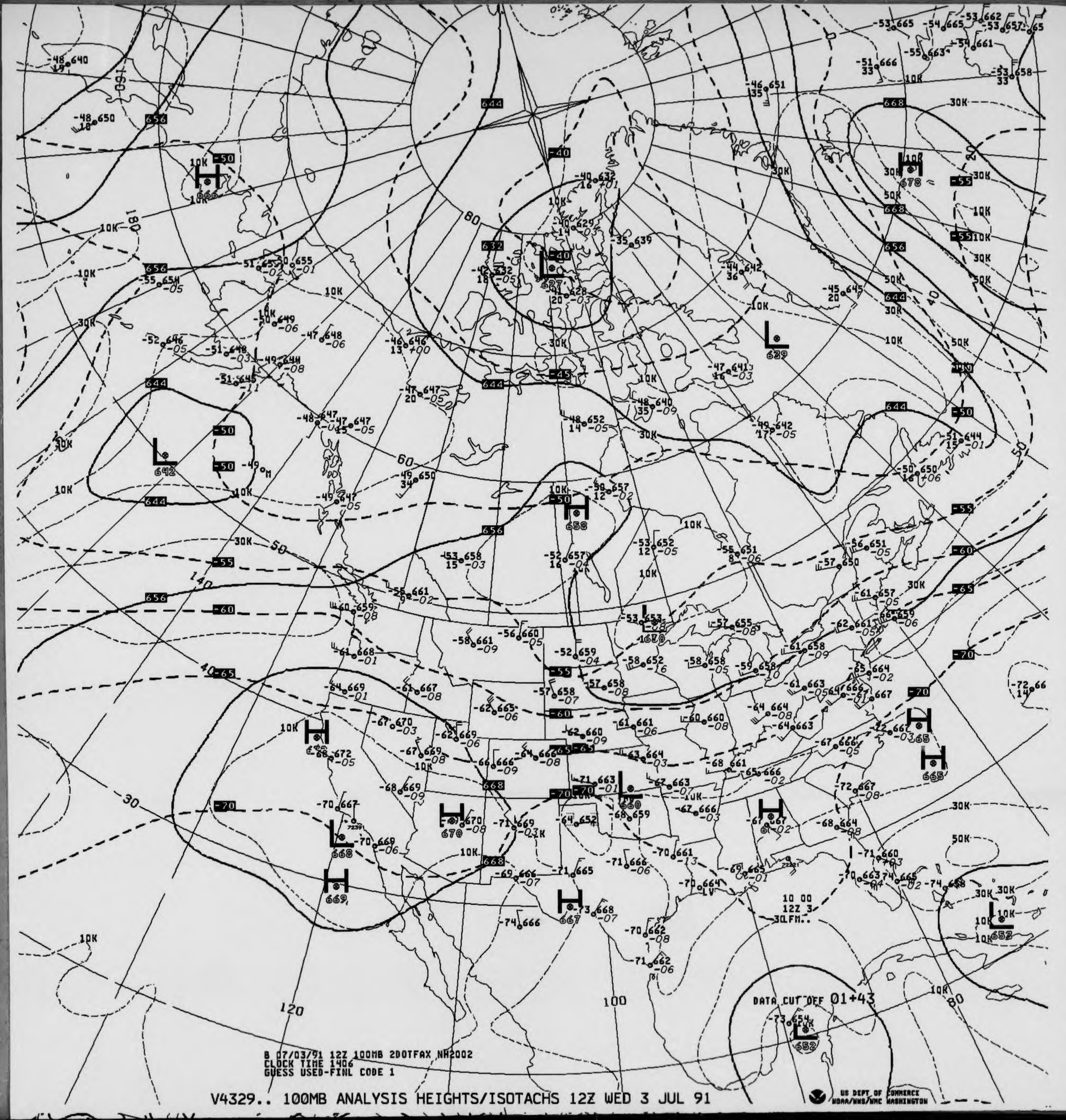
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 2 JUL 91


B 07/03/91 00Z 100MB 2D0TFAX NH2002
CLOCK TIME 230
GUESS USED-OPNL CODE 0
DATA CUT OFF 02+10
10 00
00Z 3
LFM..
H
660
L
631
L
642
H
661
L
655
H
673
H
666
L
662
H
662
L
659
644
656
668
-50
-60
-70
10K
30K
60
50
40
30
120
100
140
80

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 3 JUL 91

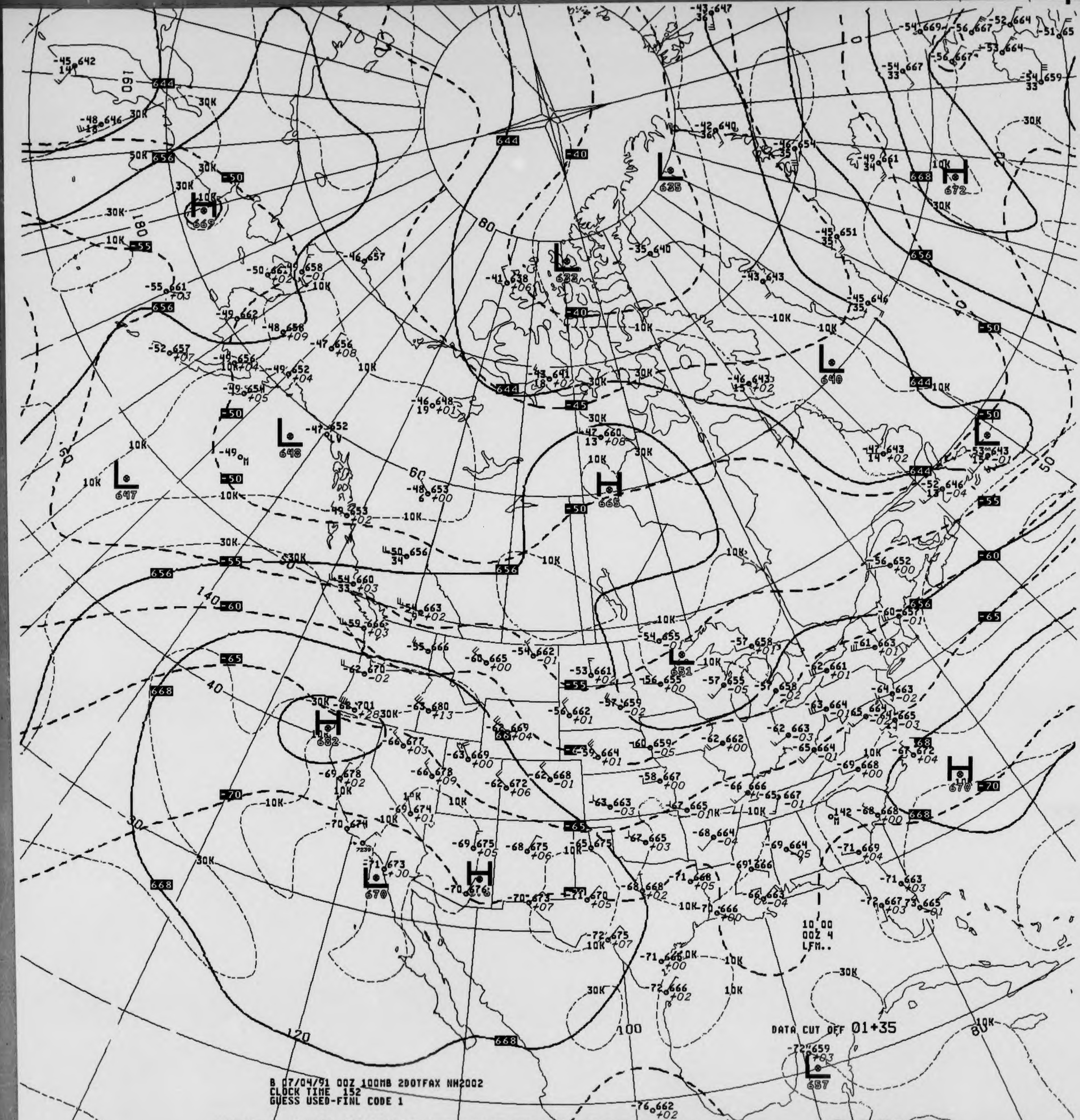
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+43
10 00
12Z 3
30FM..
60
50
40
30
120
100
80
140
160
180
10K
30K
50K

B 07/03/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1406
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 3 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/04/91 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 152
GUESS USED-FINL CODE 1
DATA CUT OFF 01+35
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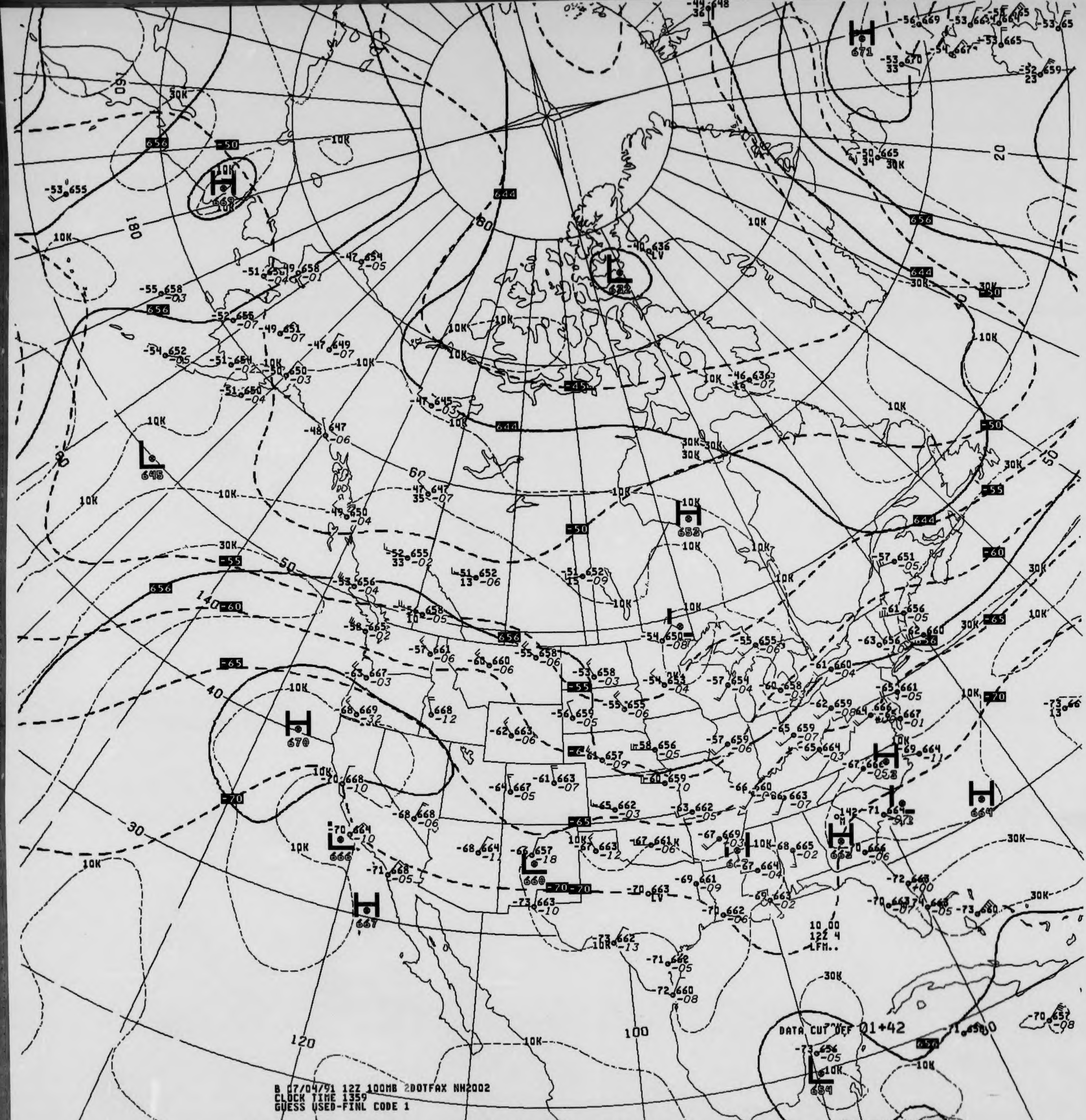
00Z 4
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON
644
656
668
-40
-45
-50
-55
-60
-65
-70
H
L
10K
30K
50K
80
60
40
30
50
140
120
100
160
180

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 4 JUL 91 .


DATA CUT OFF 01+42
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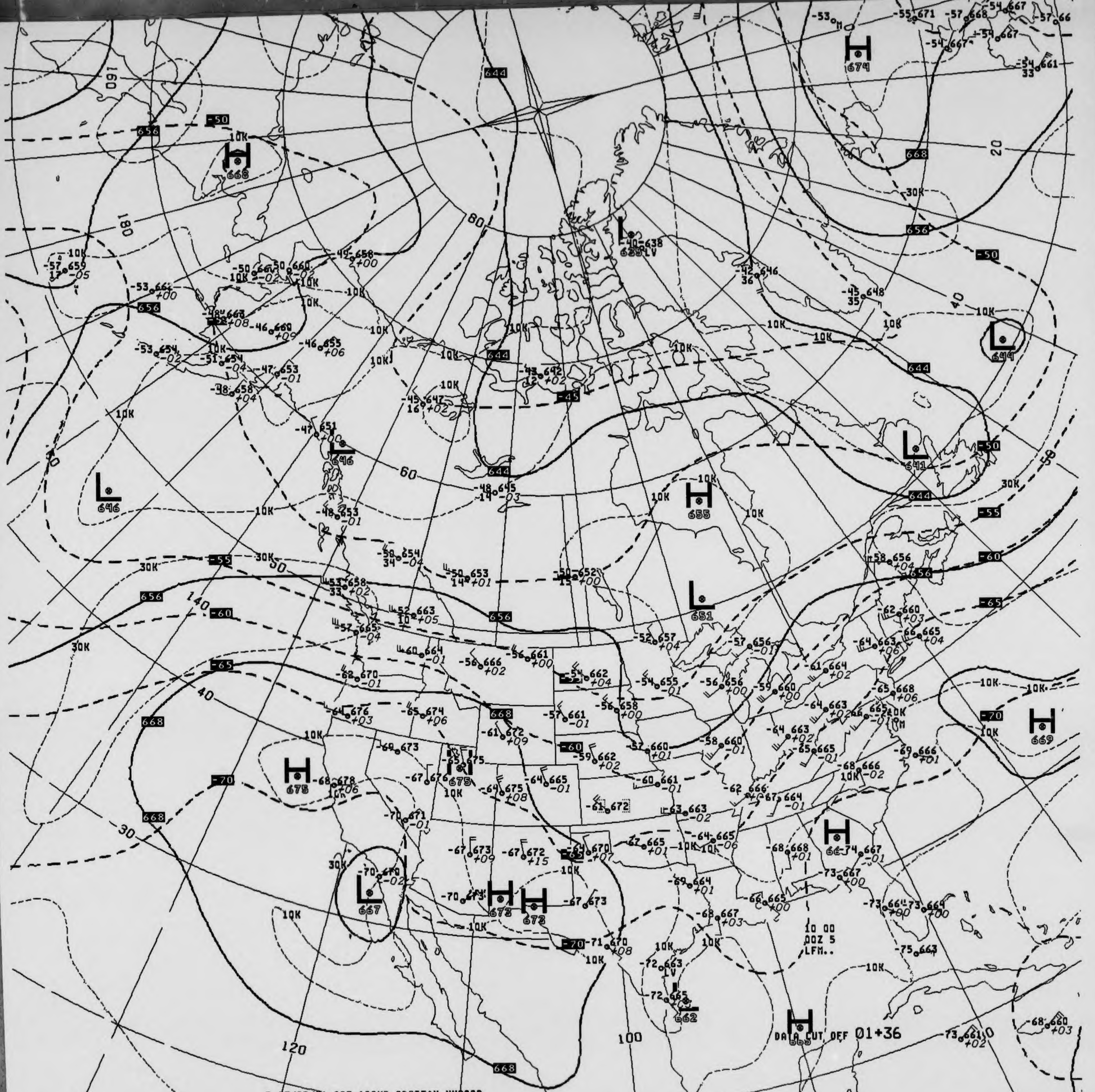
LFM..
644
656
-50
-55
-60
-65
-70
-45
10K
30K
180
160
140
120
100
60
50
40
30
20

B 07/04/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 4 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+36
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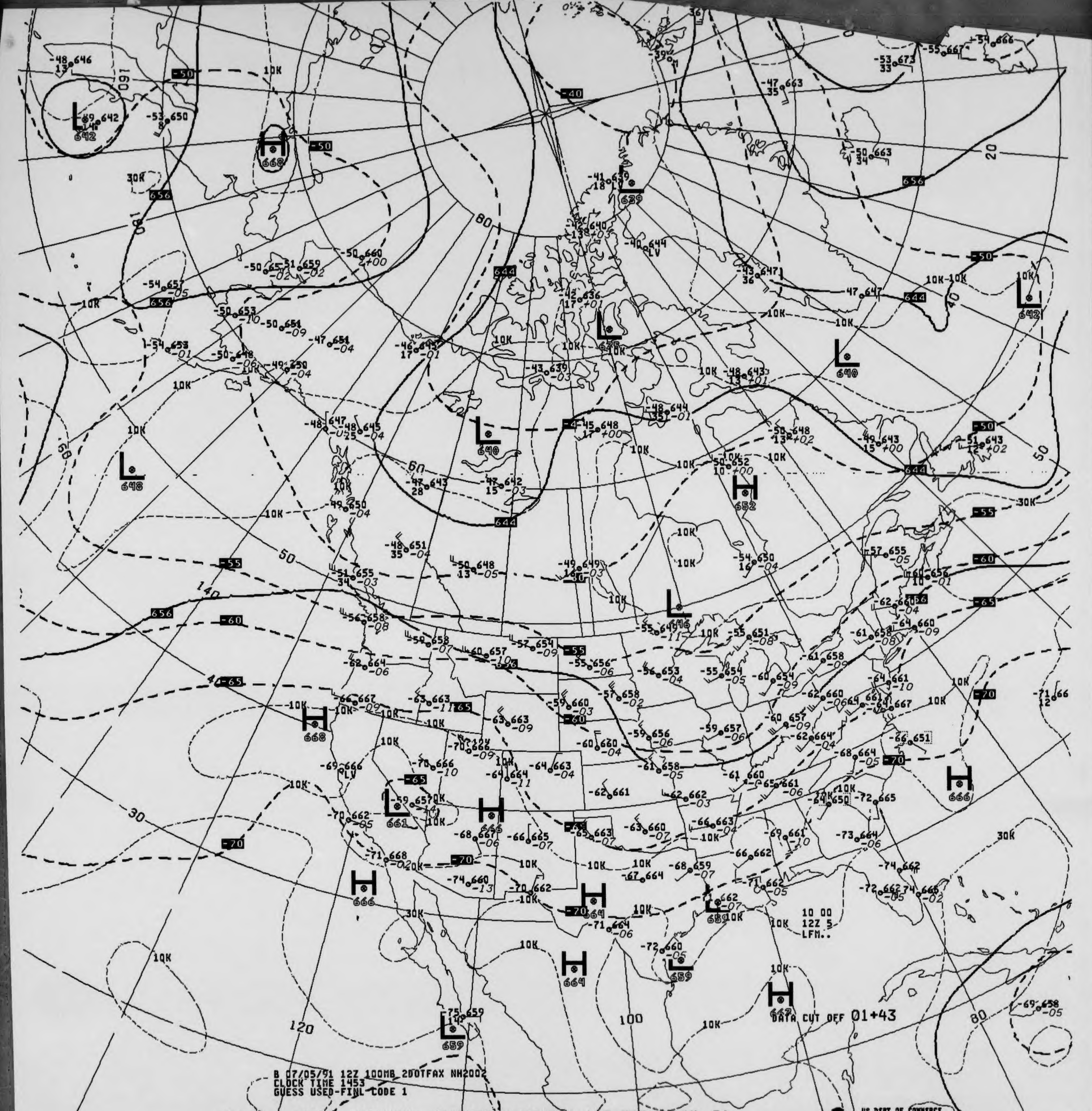
00Z 5
LFM..
644
656
668
-50
-55
-60
-65
-70
10K
30K
H
L
160
180
120
100
80
60
50
40
30
20

B 07/05/91 00Z 100MB 200TFAX NH2002
CLOCK TIME 151
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 5 JUL 91

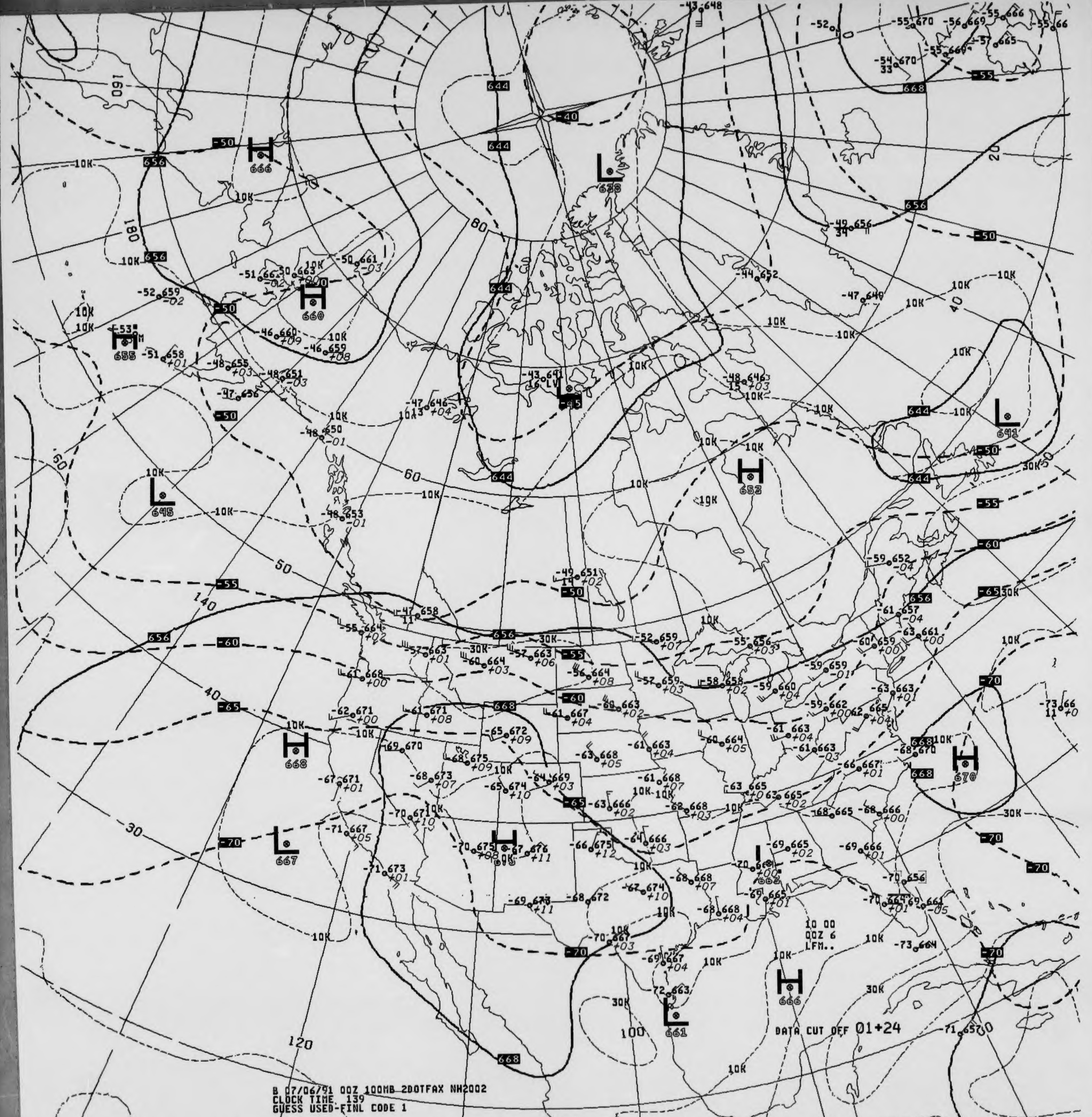
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+43
10 00
12Z 5
LFM..

B 07/05/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1453
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 5 JUL 91

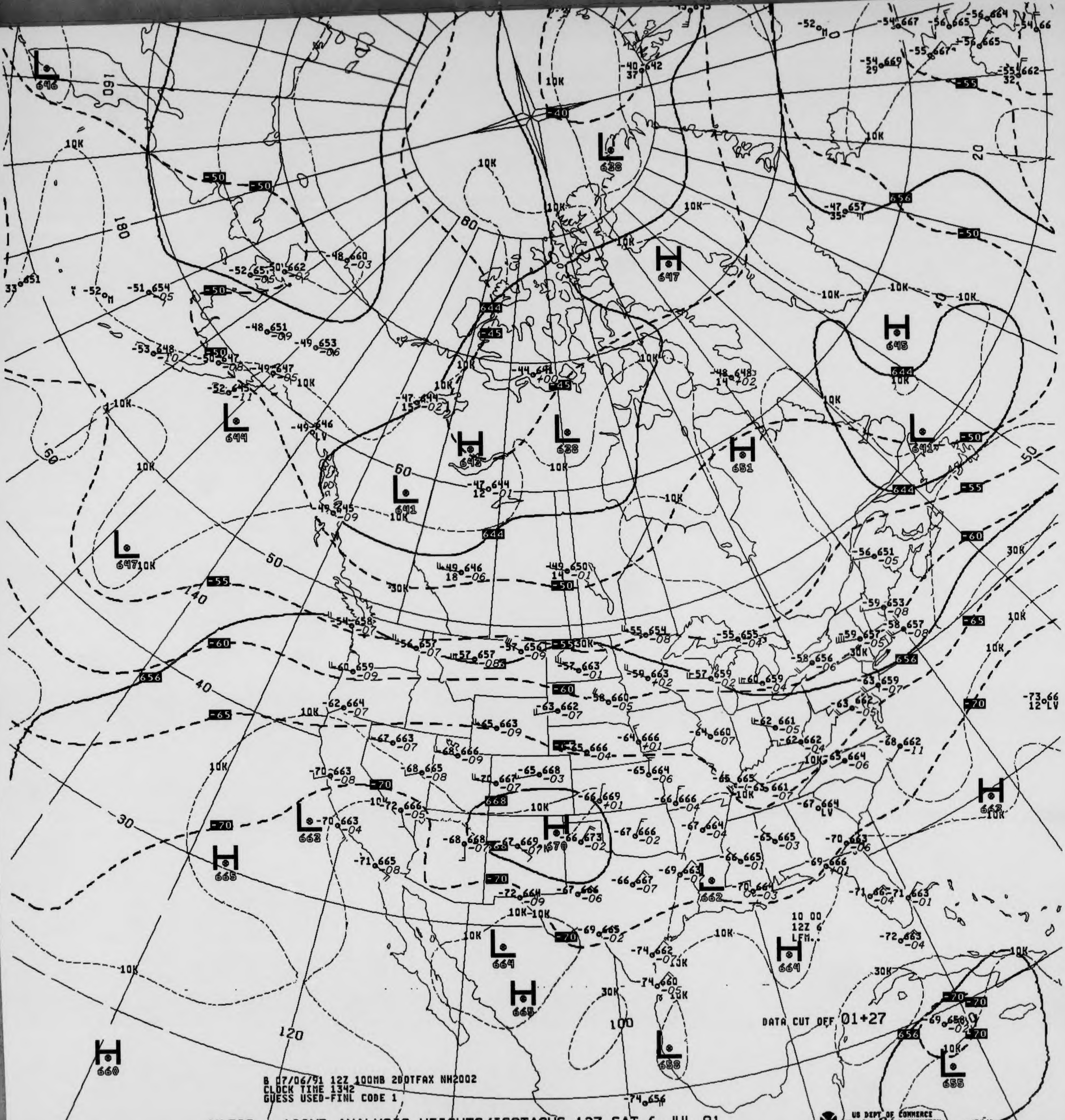
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+24
10 00
00Z 6
LFM..

B 07/06/91 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 139
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 6 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


10K
30K
-50
-55
-60
-65
-70
644
656
668
L
H
80
60
50
40
30
20
120
140
160
180
100

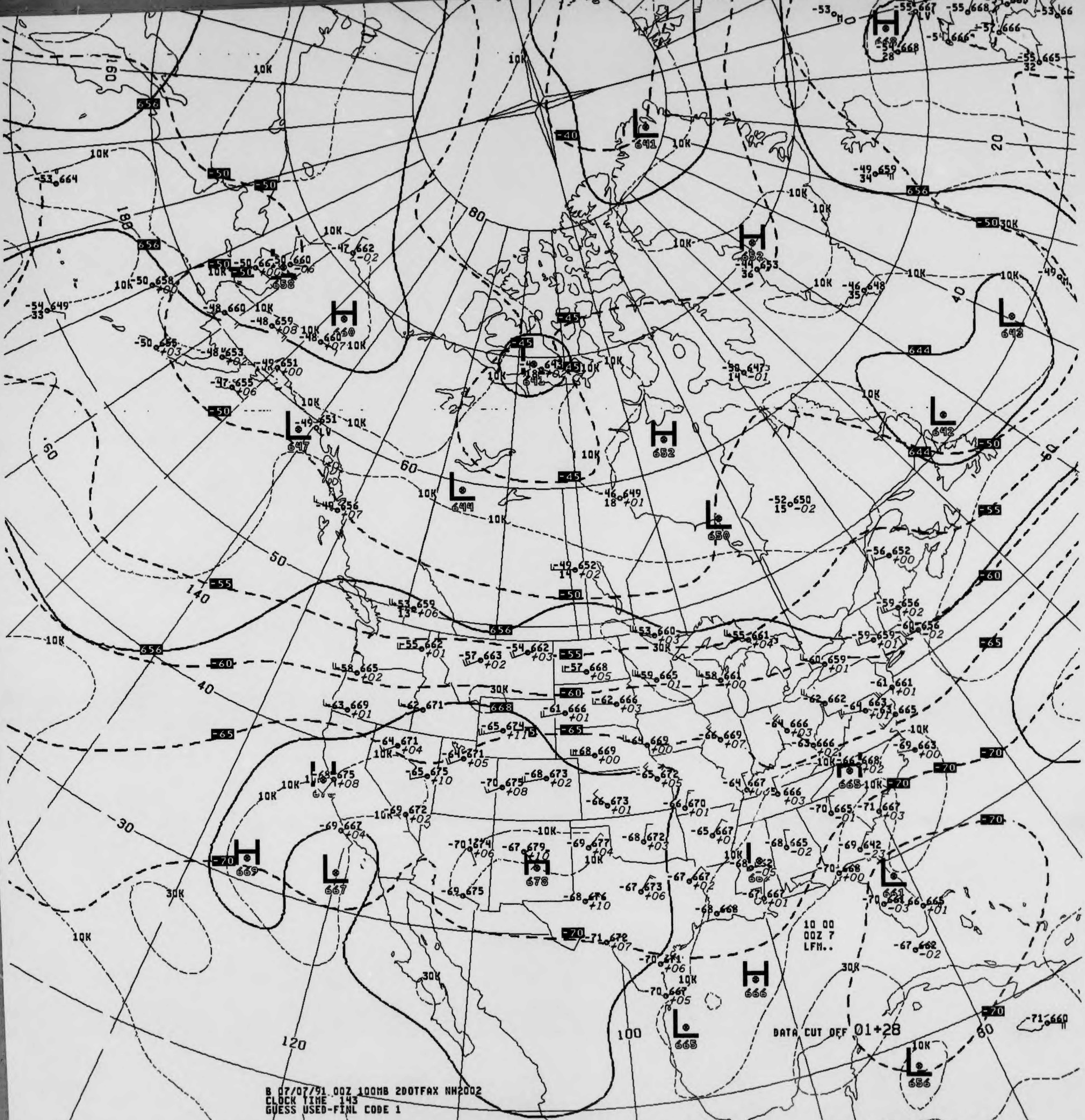
B 07/06/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1342
GUESS USED-FINL CODE 1

DATA CUT OFF 01+27

10 00
12Z 6
LFM..

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 6 JUL 91



DATA CUT OFF 01+28
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00Z 7
LFM..
H
L
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30K
-40
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-55
-60
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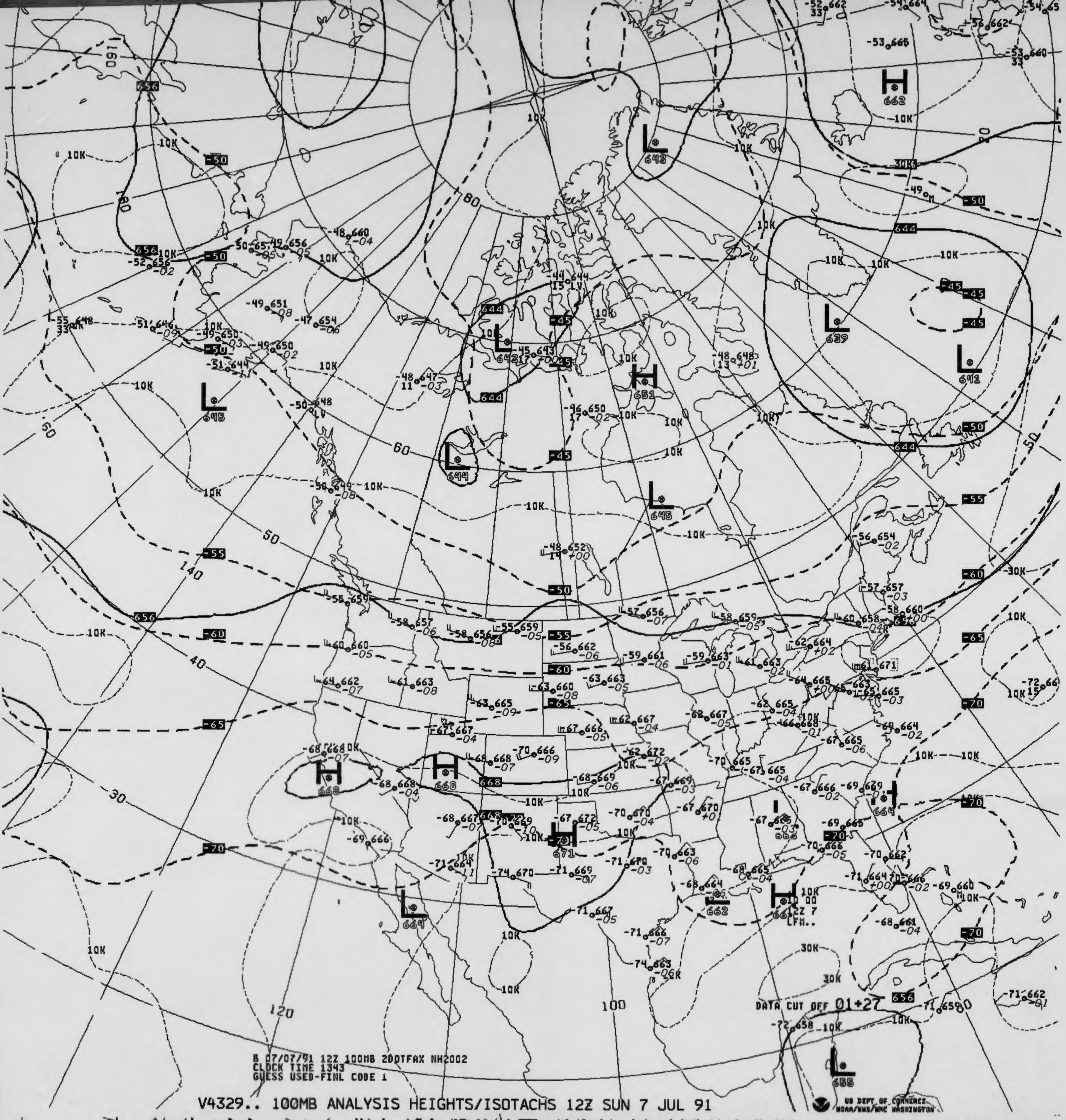
-70
656
644
668
20
30
40
50
60
80
100
120
140
160
180

B 07/07/91 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 143
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 7 JUL 91

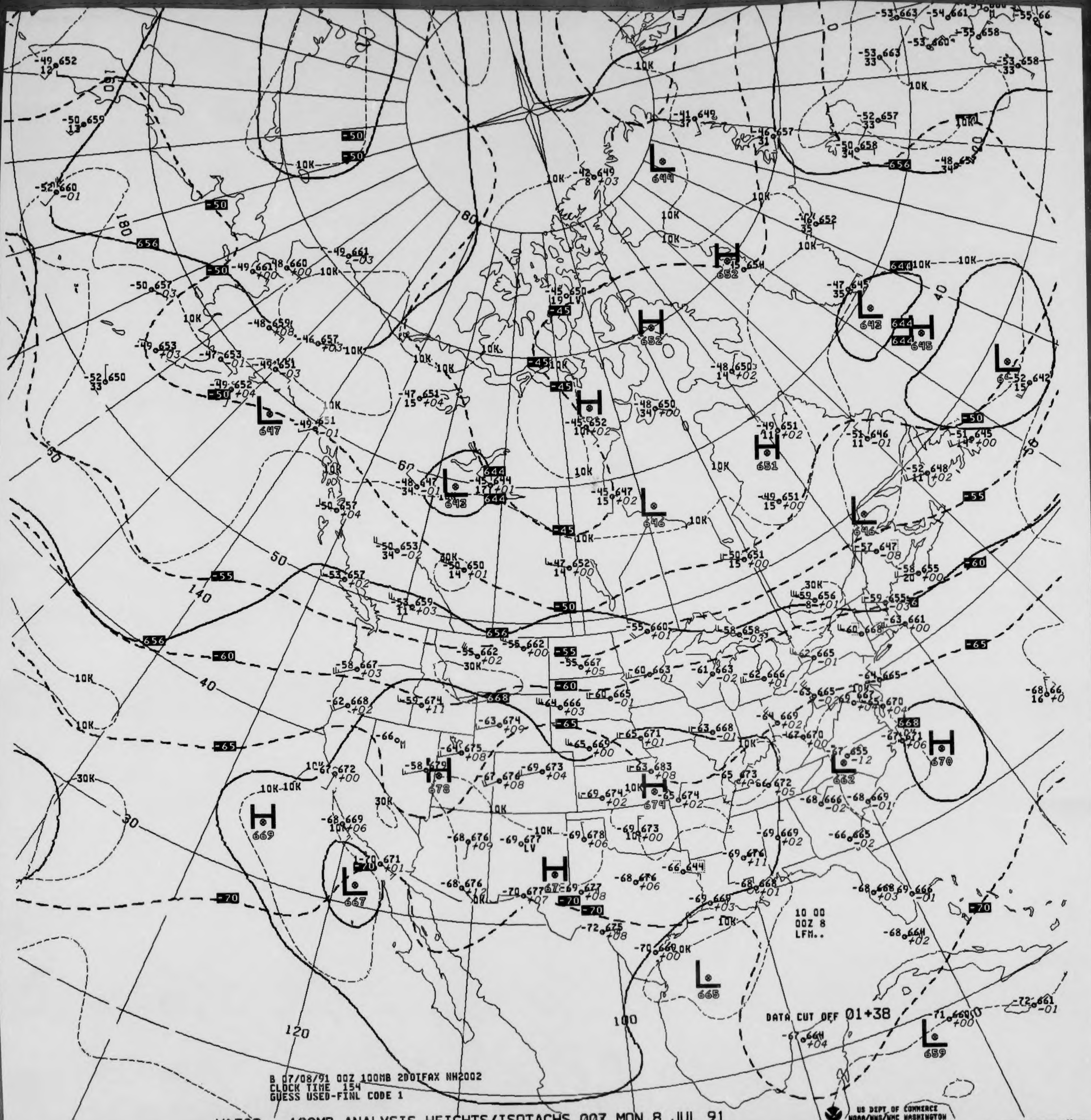
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+27
12Z 7
LFM..

B 07/07/91 12Z 100MB 200TFAX NH2002
CLOCK TIME 1343
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 7 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



L 644
H 652
H 652
L 642
H 645
L 647
H
L 643
L 646
H 651
L 646
H 670
L 662
H 669
H 678
H 674
L 667
H
L 665
L 659
-50
-45
-55
-60
-65
-70
656
644
668
10K
30K
180
160
140
120
100
80
60
50
40
30

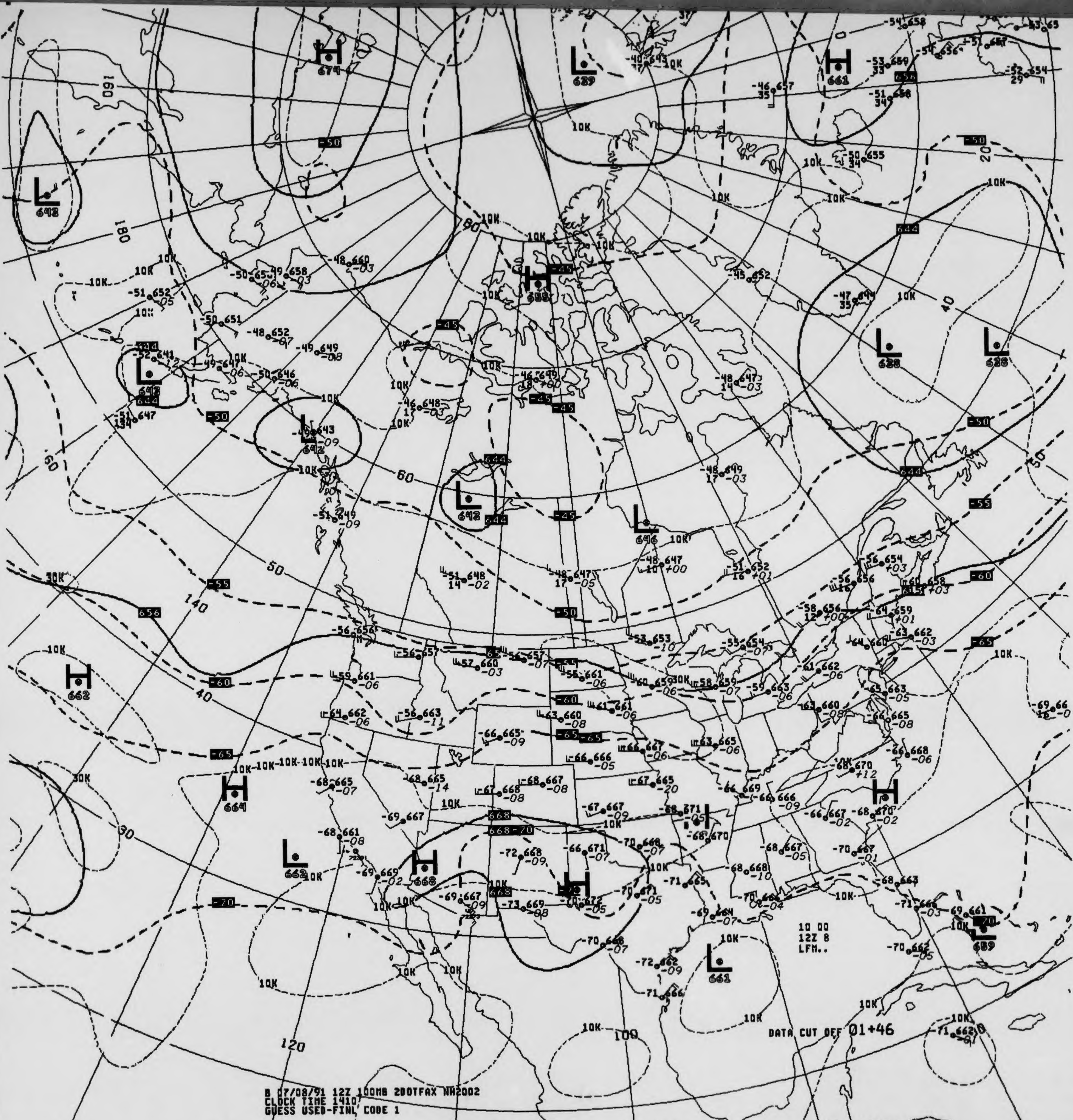
B 07/08/91 00Z 100MB 200IFAX NH2002
CLOCK TIME 154
GUESS USED-FINL CODE 1

10 00
00Z 8
LFM..

DATA CUT OFF 01+38

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 8 JUL 91


H
679
L
689
H
661
L
642
H
685
L
642
L
642
L
646
L
638
L
628
H
662
H
664
L
662
H
668
H
L
661
H
689
10K
30K
-45
-50
-55
-60
-65
-70
644
656
668
60
50
40
30
140
120
100
160
180
20

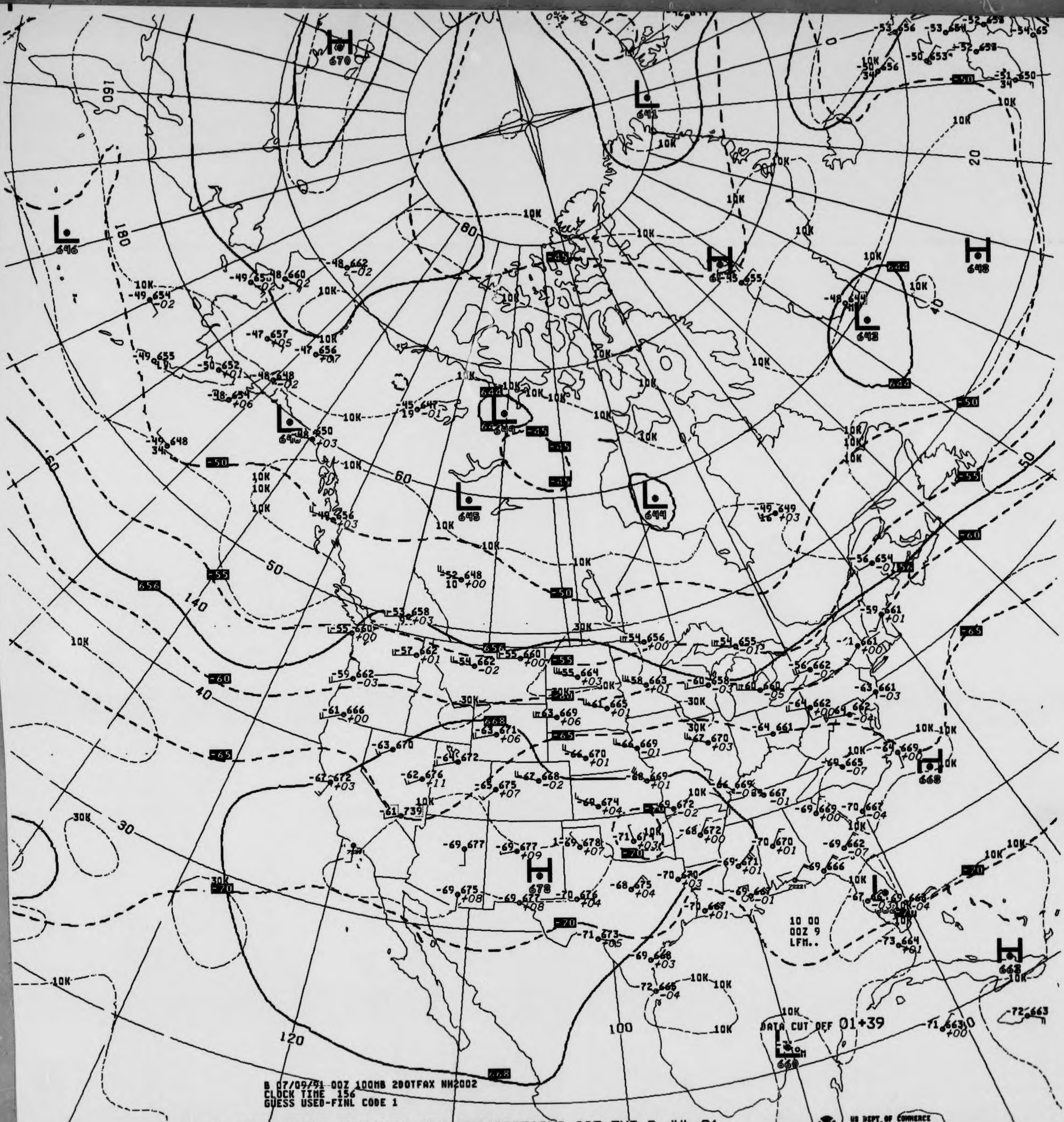
10 00
12Z 8
LFM..

DATA CUT OFF 01+46

B 07/08/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1410
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 8 JUL 91

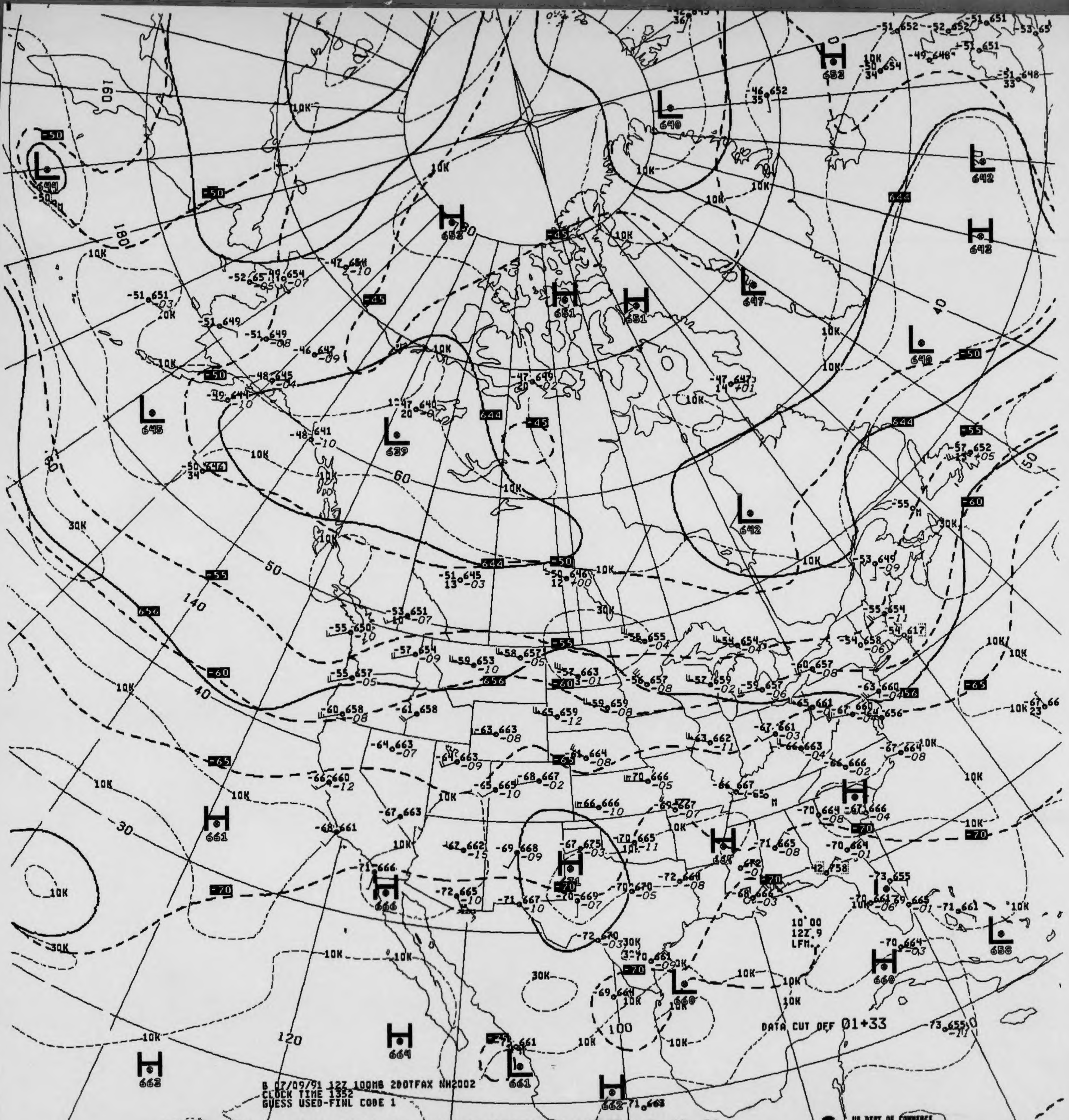
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 670
L 641
L 646
H 648
L 642
L 644
L 645
L 646
L 644
H 678
H 668
H 668
L 660
10 00
00Z 9
LFM..
DATA CUT OFF 01+39
160
180
80
60
50
40
30
20
140
120
100

B 07/09/91 00Z 100MB 2D0TFAX NH2002
CLOCK TIME 156
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 9 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



H 652
L 644
L 640
H 652
L 642
H 643
H 651
H 651
L 647
L 640
L 645
L 639
L 642
H 661
H 666
H 671
H 660
L 660
L 658
H 669
L 661
H 662
H 663
10K
30K
60
50
40
30
140
120
100
-45
-50
-55
-60
-65
-70
644
656

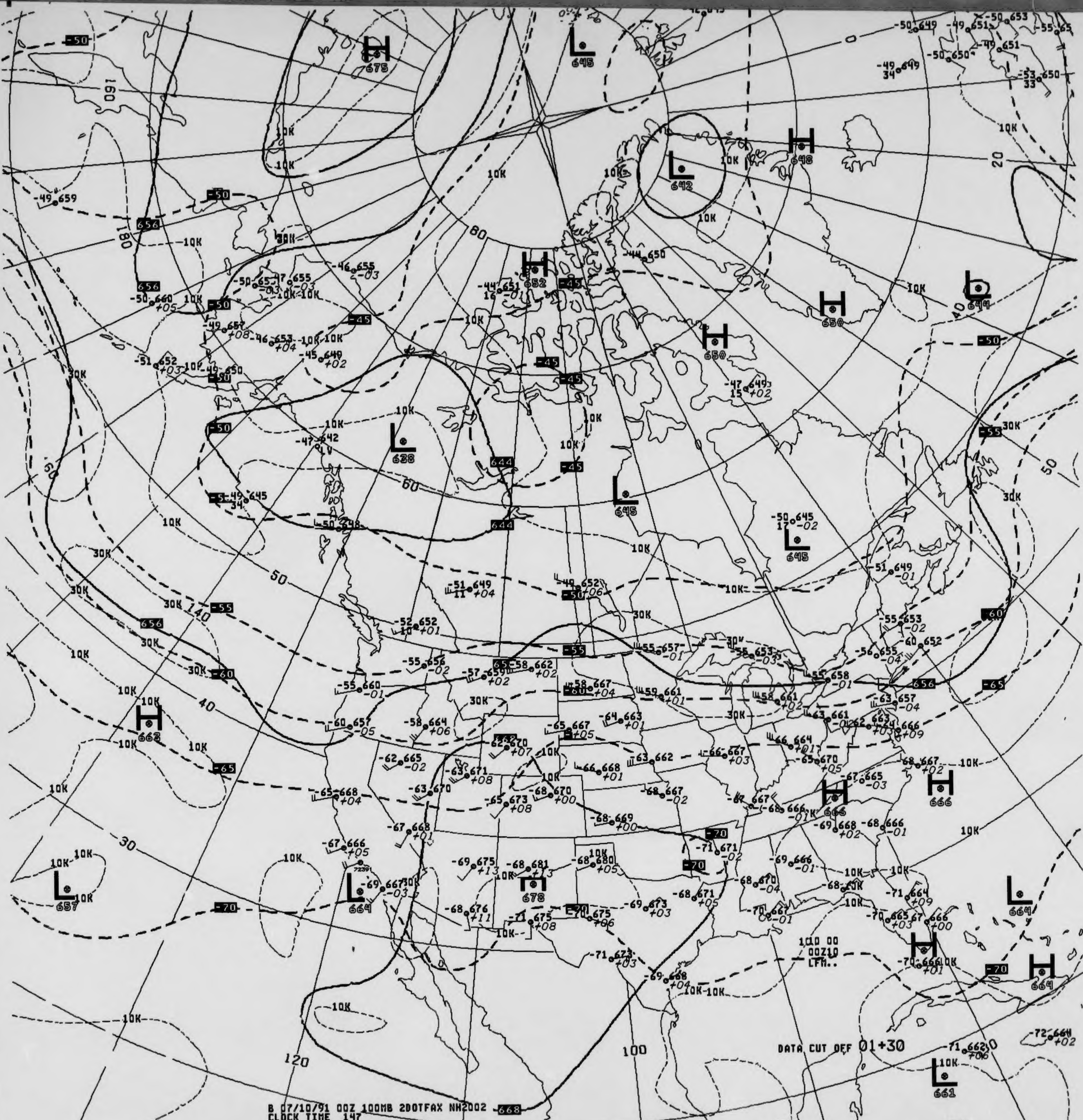
B 07/09/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1352
GUESS USED-FINL CODE 1

DATA CUT OFF 01+33

10'00
122.9
LFM.

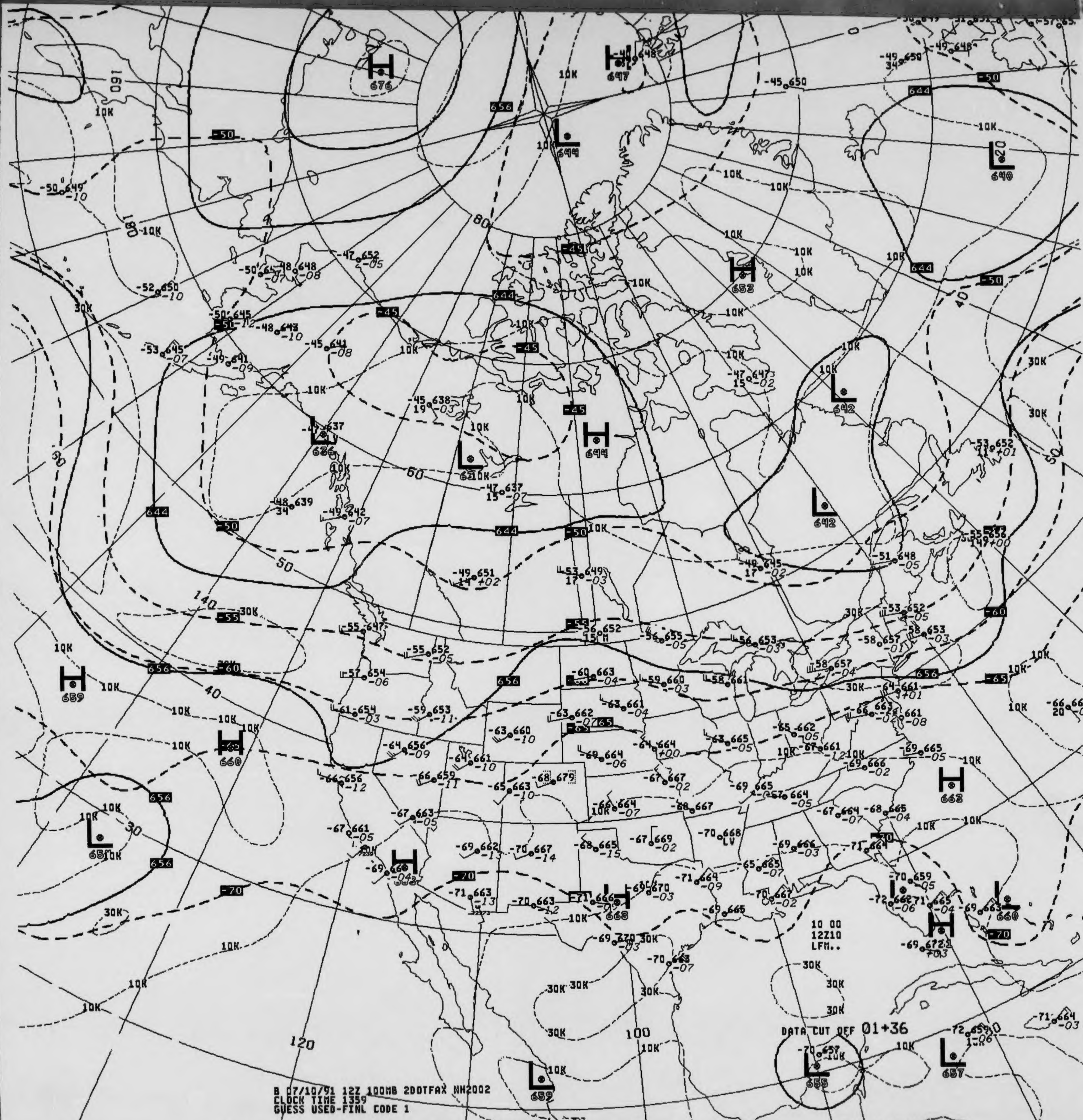
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 9 JUL 91


B 07/10/91 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1
DATA CUT OFF 01+30
1100 00
00Z10
LFM..

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 10 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



H
676
H
647
L
644
L
640
H
652
L
642
L
642
H
644
L
636
L
641
H
659
H
660
L
651
H
663
H
668
L
660
H
672
L
659
L
655
L
657
656
644
-50
-45
-55
-60
-65
-70
10K
30K
160
180
140
120
100
80
60
50
40
30
-50 649 -10
-52 650 -10
-50 645 -12
-53 645 -07
-47 652 -05
-45 638 19 -03
-48 639 34
-49 642 -07
-47 637 15 -07
-49 651 14 +02
-53 649 17 -03
-47 647 15 -02
-53 652 11 +01
-49 645 17 -02
-51 648 -05
-55 647
-55 652 -05
-57 654 -06
-56 652 15 M
-56 655 -05
-56 653 -03
-53 652 -05
-58 653 -03
-58 657 -01
-58 657 -04
-60 663 -04
-59 660 -03
-58 661
-64 661 +01
-66 66 20 -0
-61 654 -03
-59 653 -11
-63 661 -04
-63 660 -10
-63 662
-64 664 +00
-63 665 -05
-65 662 -05
-67 661 -12
-69 665 -05
-69 666 -02
-64 656 -09
-64 661 -10
-66 656 -12
-66 659 -11
-65 663 -10
-68 679
-69 664 -06
-67 667 -02
-66 664 -07
-68 667
-69 665
-67 664 -05
-67 664 -07
-68 665 -04
-67 663 -05
-67 661 -05
-69 662 -13
-70 667 -14
-68 665 -15
-67 669 -02
-70 668 LV
-69 666 -03
-71 664
-69 66 -04
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-71 666
-71 664 -09
-65 665 -07
-70 667 -02
-69 665
-70 659 -05
-72 666 -06
-71 665 -04
-69 663
-69 672 +03
-69 670 -03
-70 663 -07
-72 659 -06
-71 664 -03
-70 657

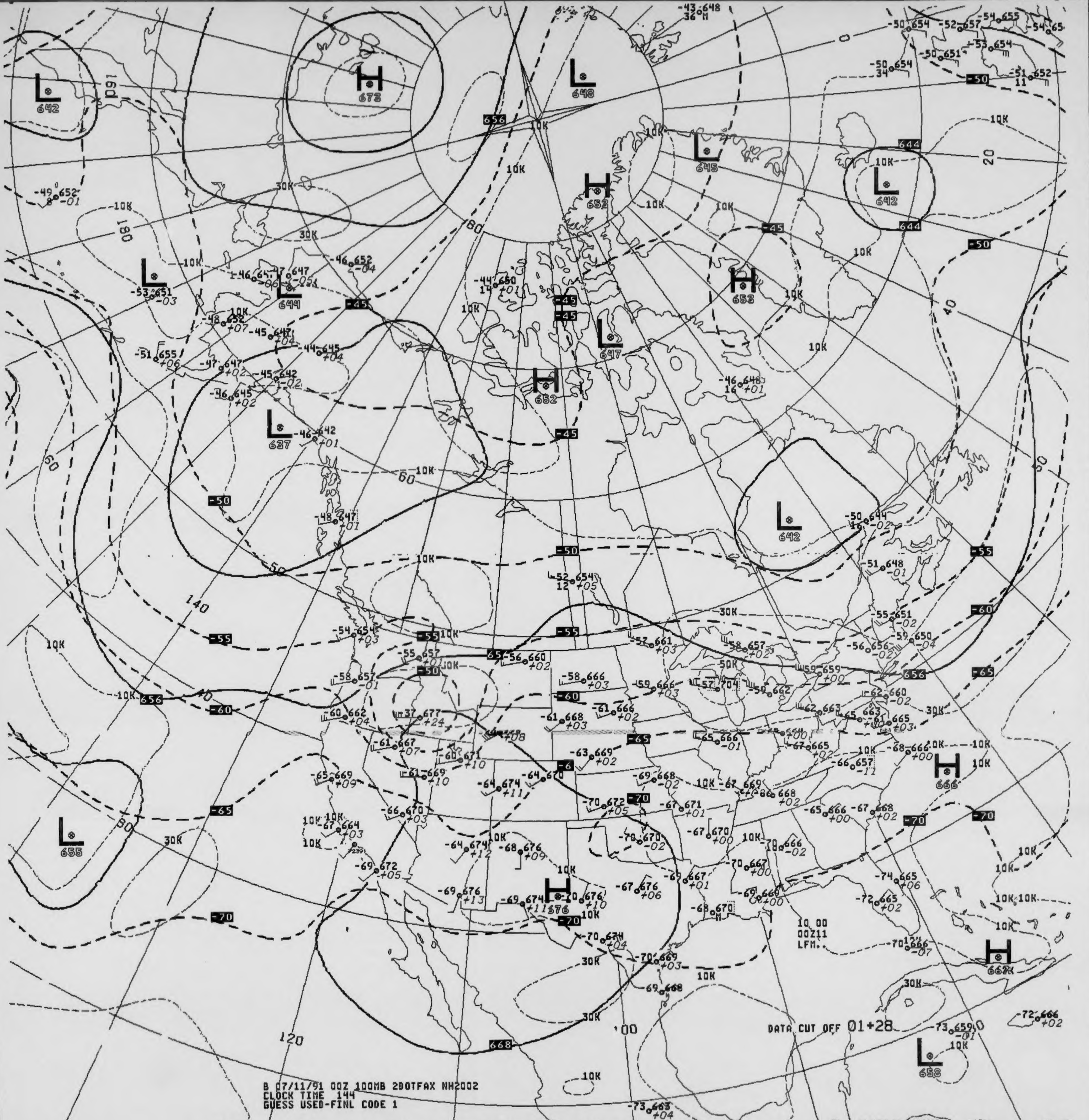
B 07/10/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1

10 00
12Z10
LFM..

DATA CUT OFF 01+36

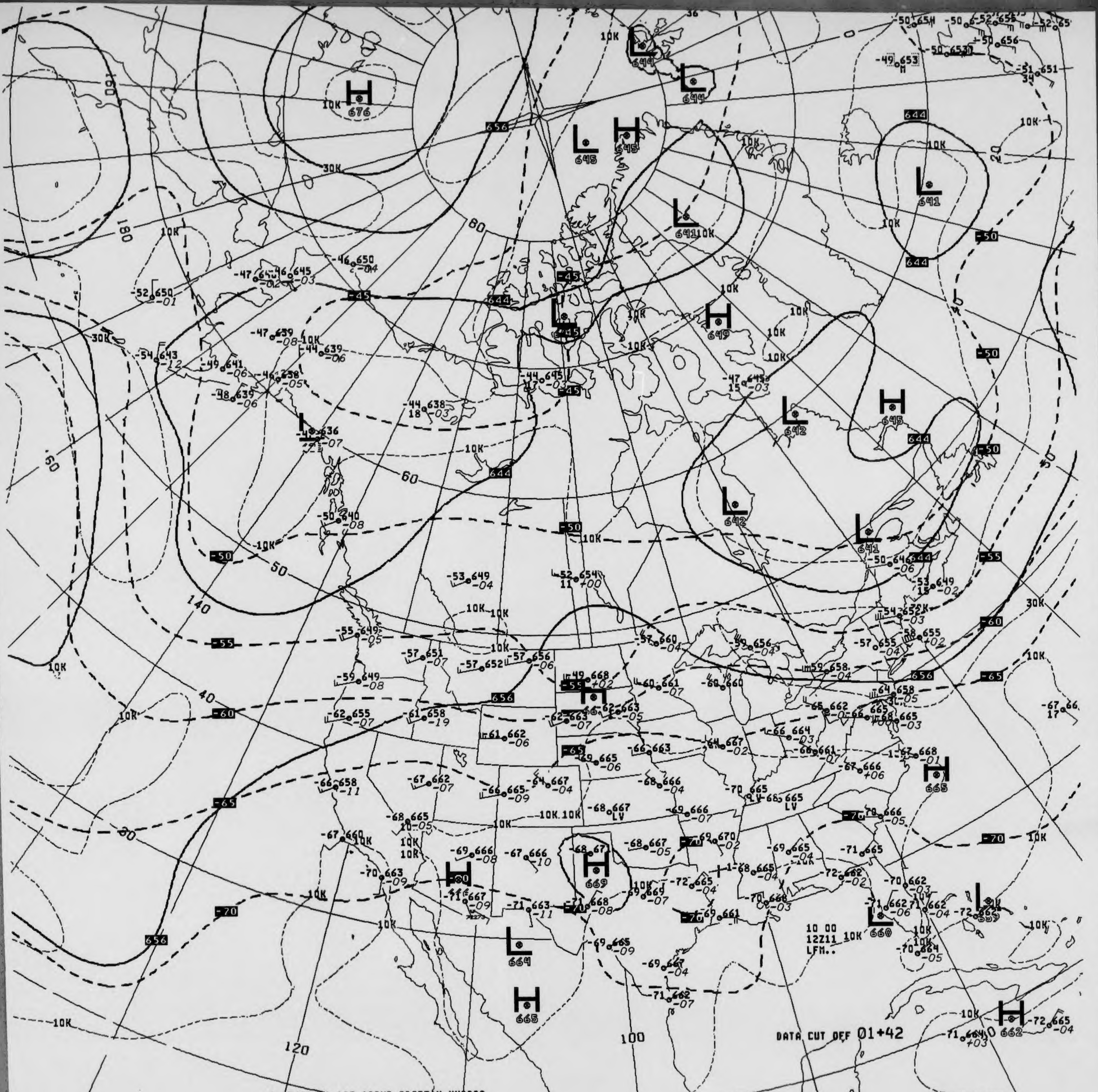
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 10 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 672
L 648
L 642
656
L 645
644
L 642
644
H 652
-45
-50
L 642
H 653
L 644
L 651
-45
-45
-45
L 647
H 652
L 637
-45
-50
-50
L 642
-55
-55
-55
-60
656
-65
-50
-60
656
-60
-65
-6
-70
-70
-70
-65
-70
-70
H 666
H 676
-70
L 655
H 662
668
L 658
30K
10K
140
120
60
50
40
20
180
160
DATA CUT OFF 01+28
10 00
00Z11
LFM.
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 07/11/91 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 144
GUESS USED-FINL CODE 1

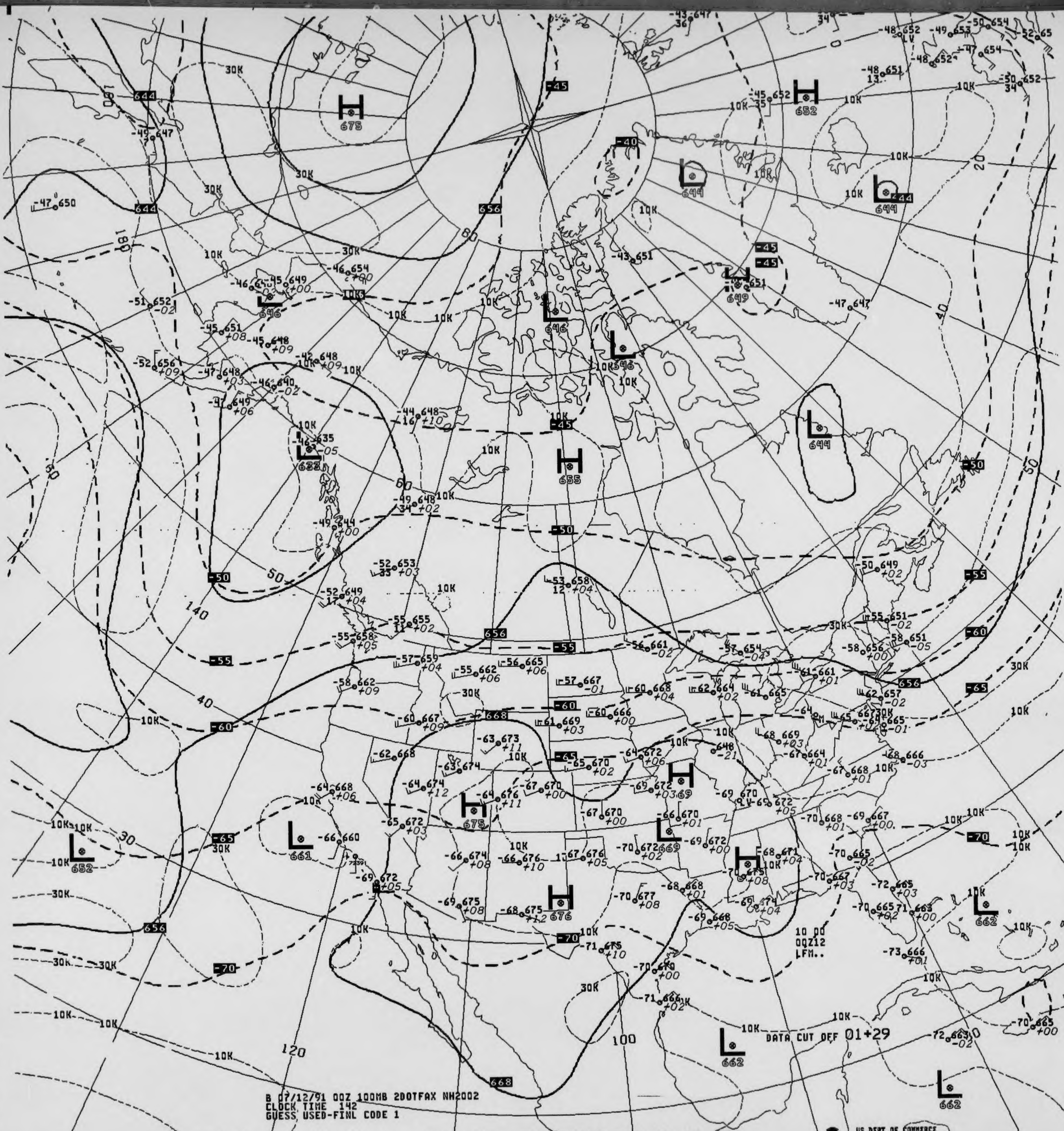
V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 11 JUL 91


DATA CUT OFF 01+42
10 00
12Z11 10K
LFM..
H 676
L 644
L 645
H 645
L 641
H 649
L 642
H 645
L 642
L 641
H 668
H 669
L 664
H 665
L 660
H 665
H 662
80
60
50
40
30
140
120
100
180

B 07/11/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1400
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 11 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

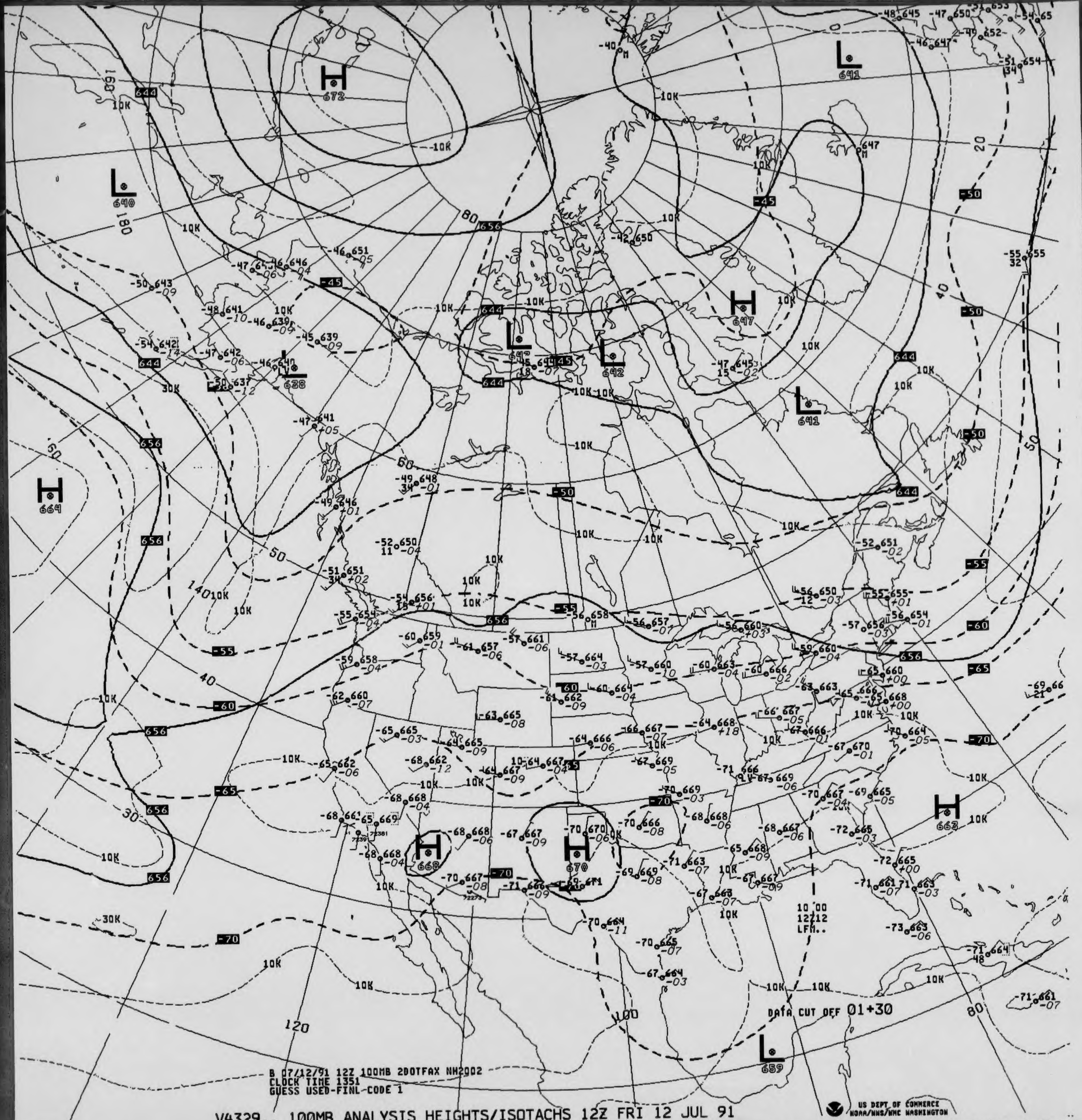


H
675
H
652
L
644
L
644
L
646
L
646
L
649
L
633
H
655
L
644
H
675
H
669
L
669
H
675
H
676
L
652
L
661
L
662
L
662
L
662
644
656
668
-45
-40
-50
-55
-60
-65
-70
10K
30K
60
50
40
30
20
0
180
160
140
120
100
10 00
00Z12
LFM..
DATA CUT OFF 01+29

B 07/12/91 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 12 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

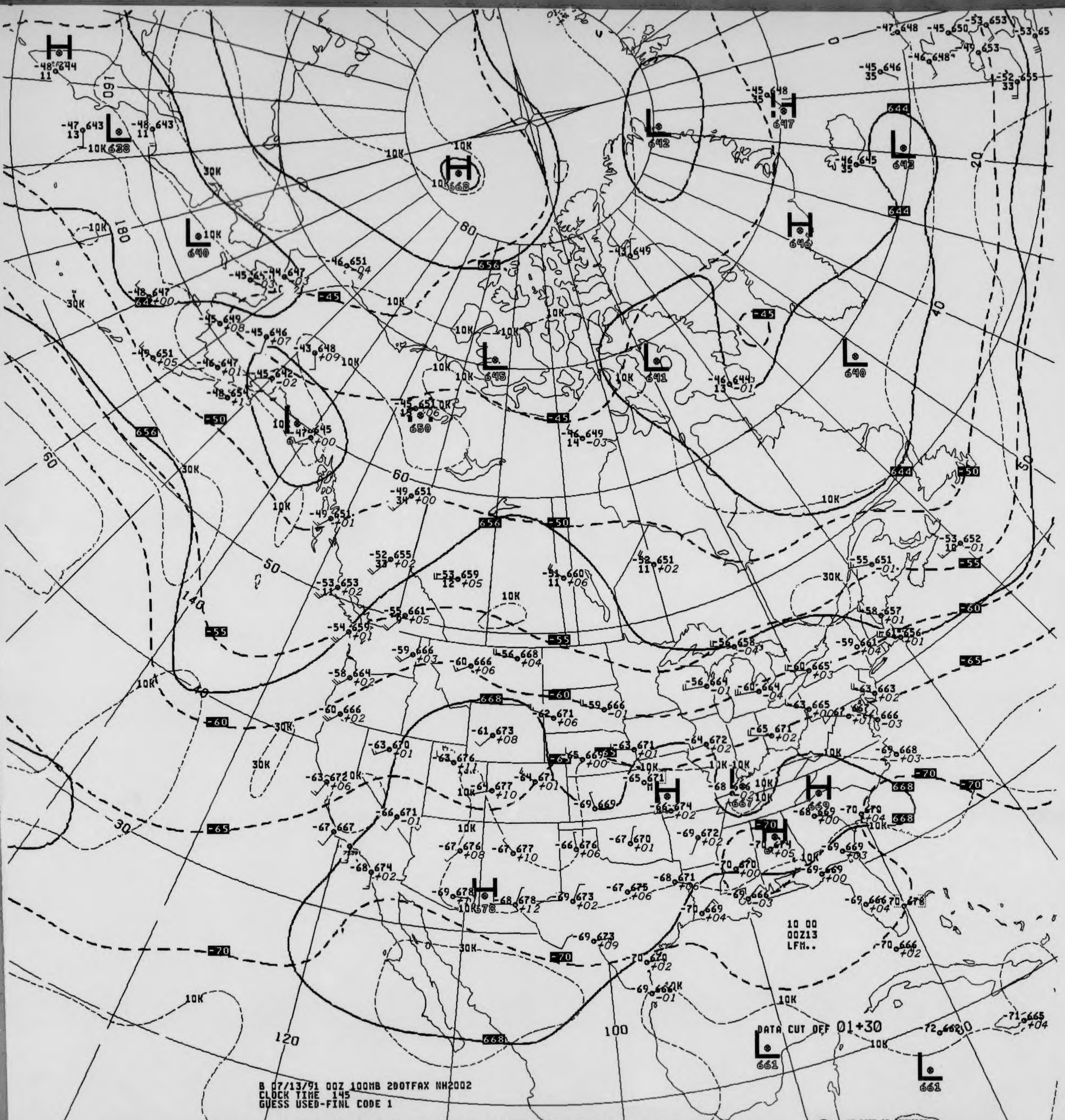


H 672
L 640
H 664
L 641
H 647
L 647
L 642
L 641
L 638
H 668
H 670
H 663
L 659
644
656
-45
-50
-55
-60
-65
-70
10K
-10K
30K
80
60
50
40
30
20
140
120
100
160
180
DATA CUT OFF 01+30
10 00
12Z12
LFM..

B 07/12/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1351
GUESS USED-FINL-CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 12 JUL 91

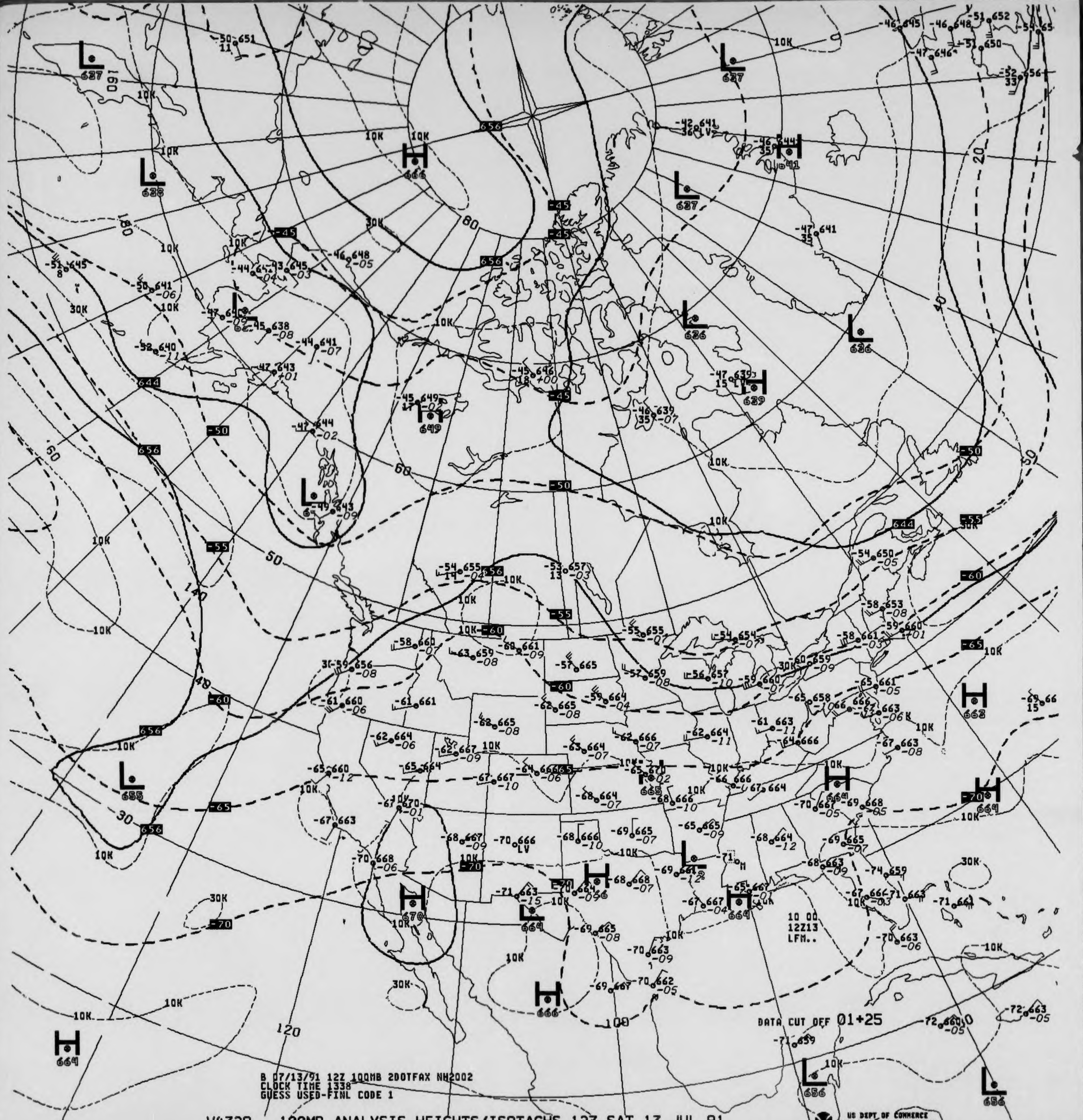
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
L
656
668
644
-45
-50
-55
-60
-65
-70
10K
30K
180
160
140
120
100
80
60
50
40
30
20
10 00
00Z13
LFM..
DATA CUT OFF 01+30
L
661

B 07/13/91 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 145
GUESS USED-FINL CODE 1

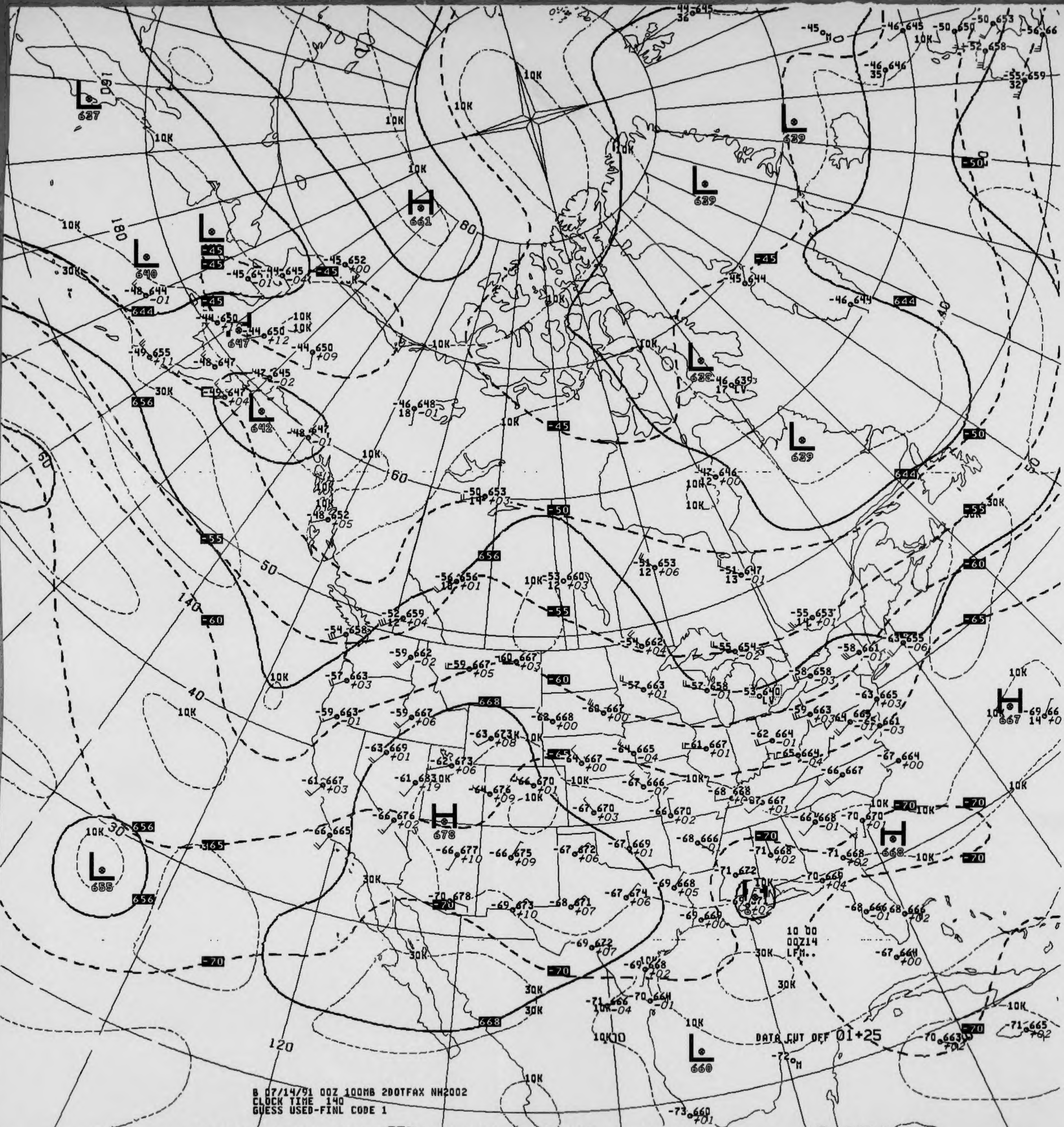
V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 13 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/13/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1338
GUESS USED-FINL CODE 1
DATA CUT OFF 01+25
10 00
12Z13
LFM..

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 13 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


L 627
10K
H 661
L 640
L 642
L 647
L 629
L 629
L 638
L 629
H 678
H 667
H 668
L 655
L 660
644
656
668
-45
-50
-55
-60
-65
-70
10K
30K
180
160
140
120
80
60
50
40
30

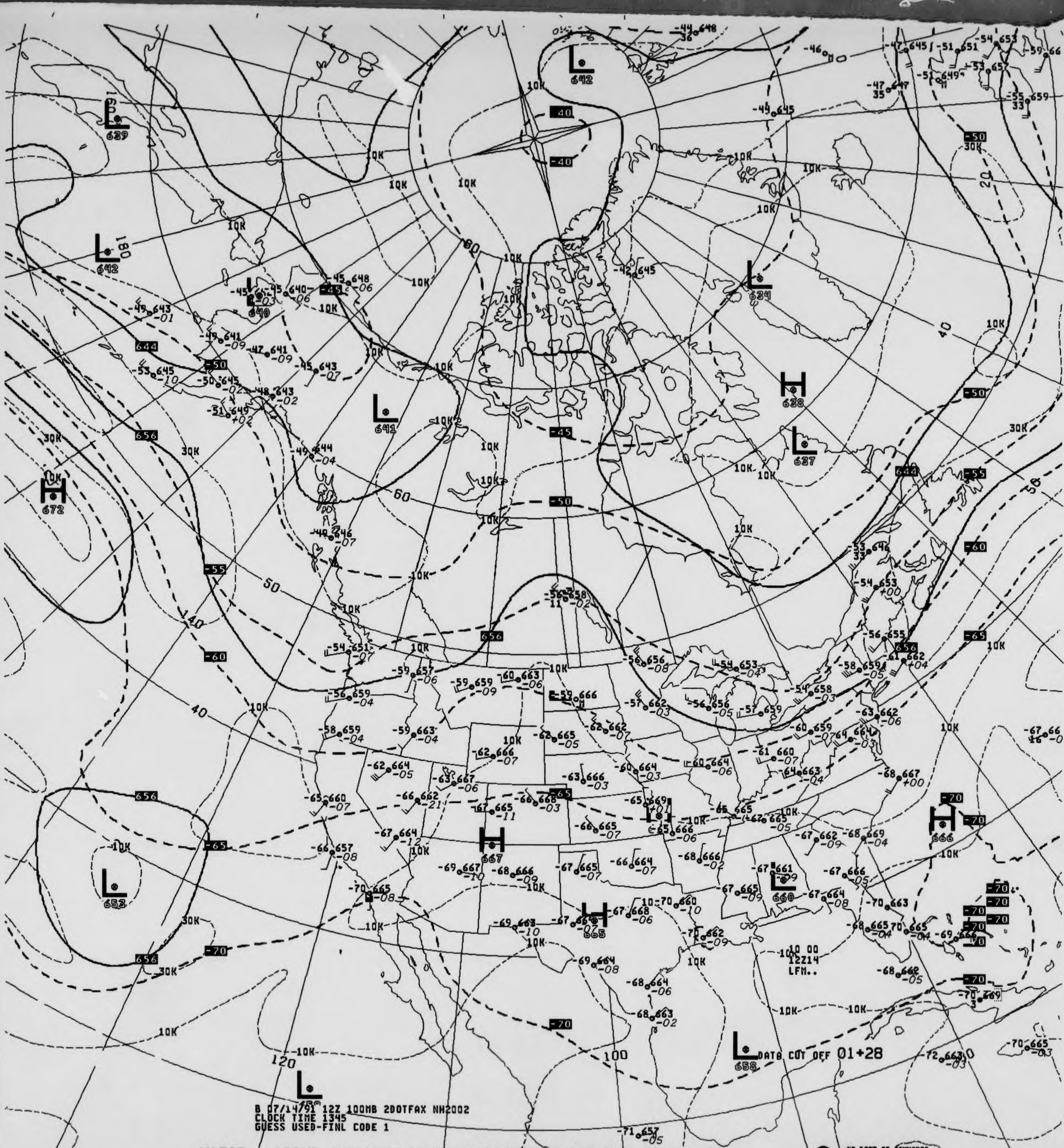
10 00
00Z14
LFM..

DATA CUT OFF 01+25

B 07/14/91 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 140
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 14 JUL 91

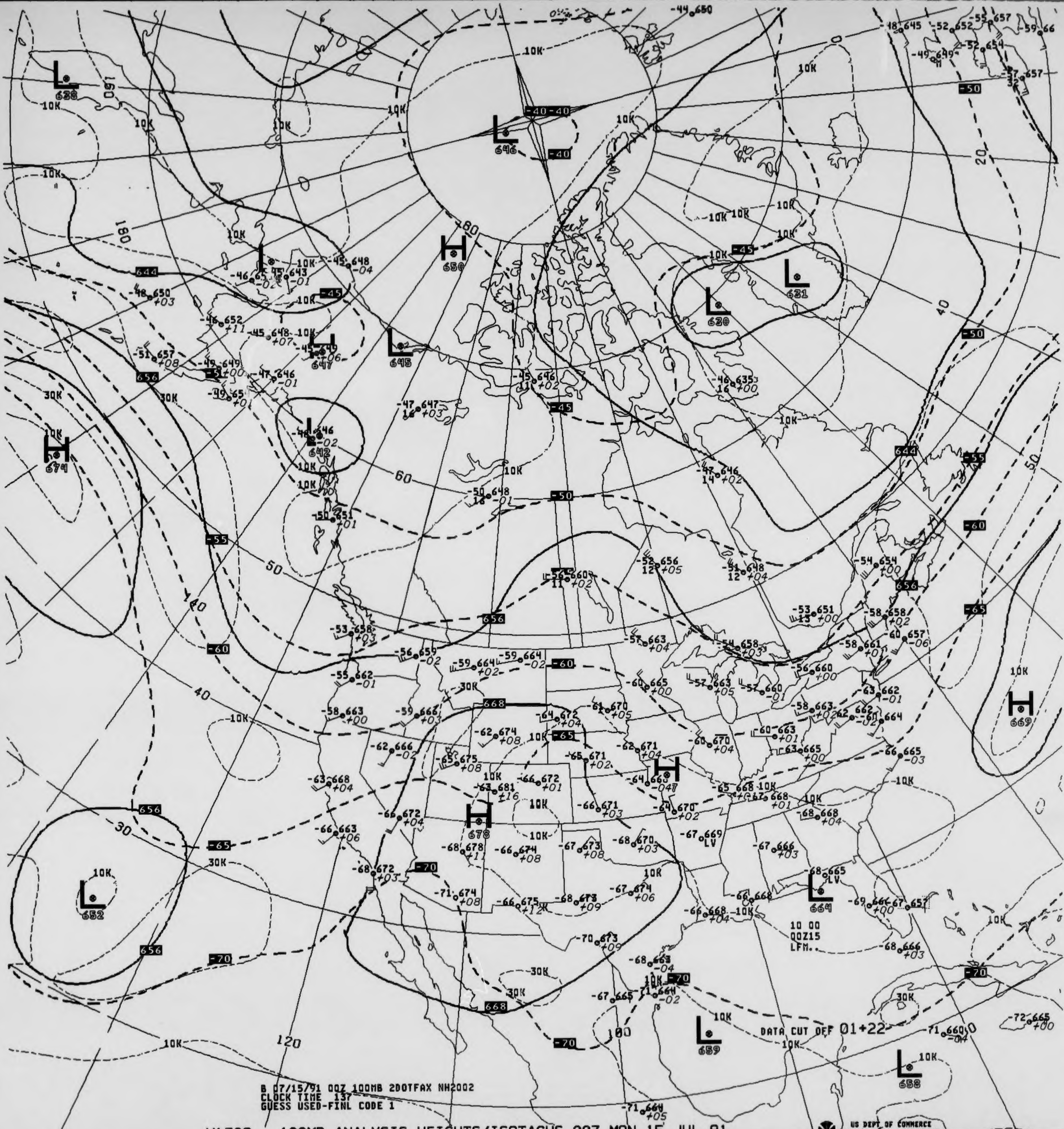
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/14/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1345
GUESS USED-FINL CODE 1
DATA CUT OFF 01+28
10 00
12Z14
LFM..
L 642
L 639
L 642
L 640
L 641
L 634
H 638
L 637
H 672
L 652
H 667
H 665
L 660
H 666
L 658
-40
-45
-50
-55
-60
-65
-70
644
656
10K
30K
40
50
60
80
100
120
140
180

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 14 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

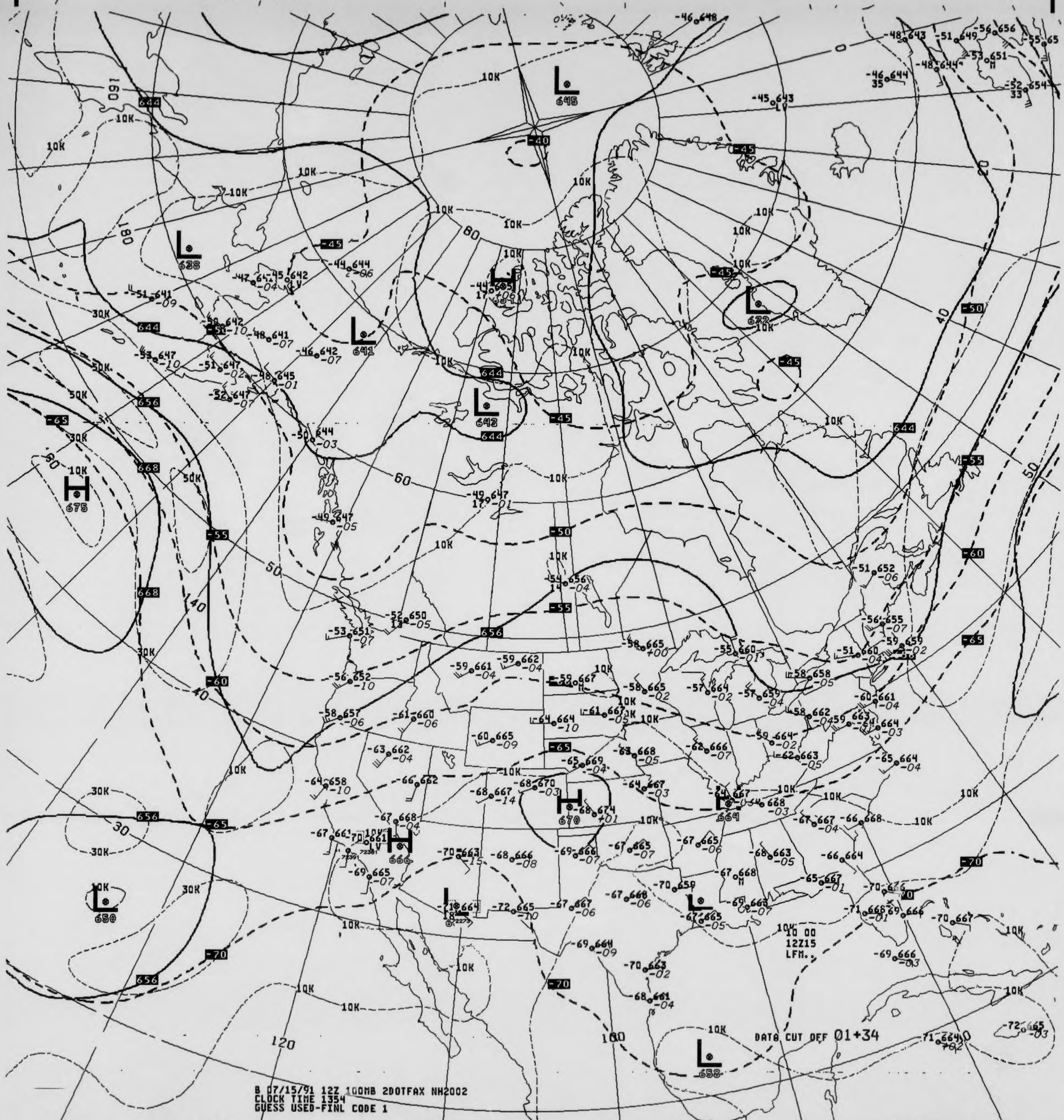

DATA CUT OFF 01+22
10 00
00Z15
LFM.
L
H
10K
30K
-70
-65
-60
-55
-50
-45
-40
644
656
668
40
50
60
120
180

B 07/15/91 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 137
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 15 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

ID 72391
LAT/LONG 34N119W


DATA CUT OFF 01+34
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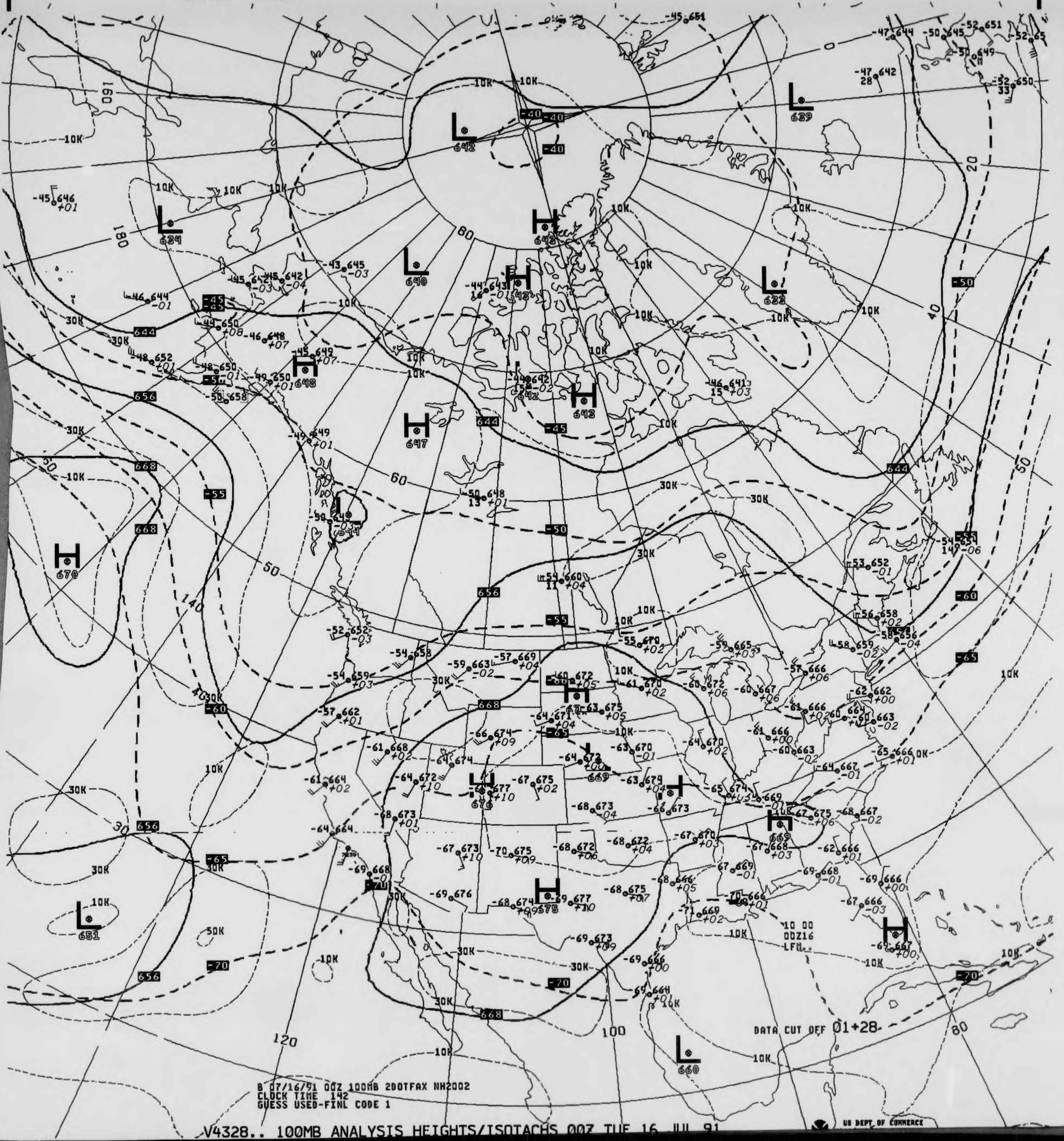
12Z15
LFM.
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

B 07/15/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1354
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 15 JUL 91

ID 72391
LAT/LONG 34N119W

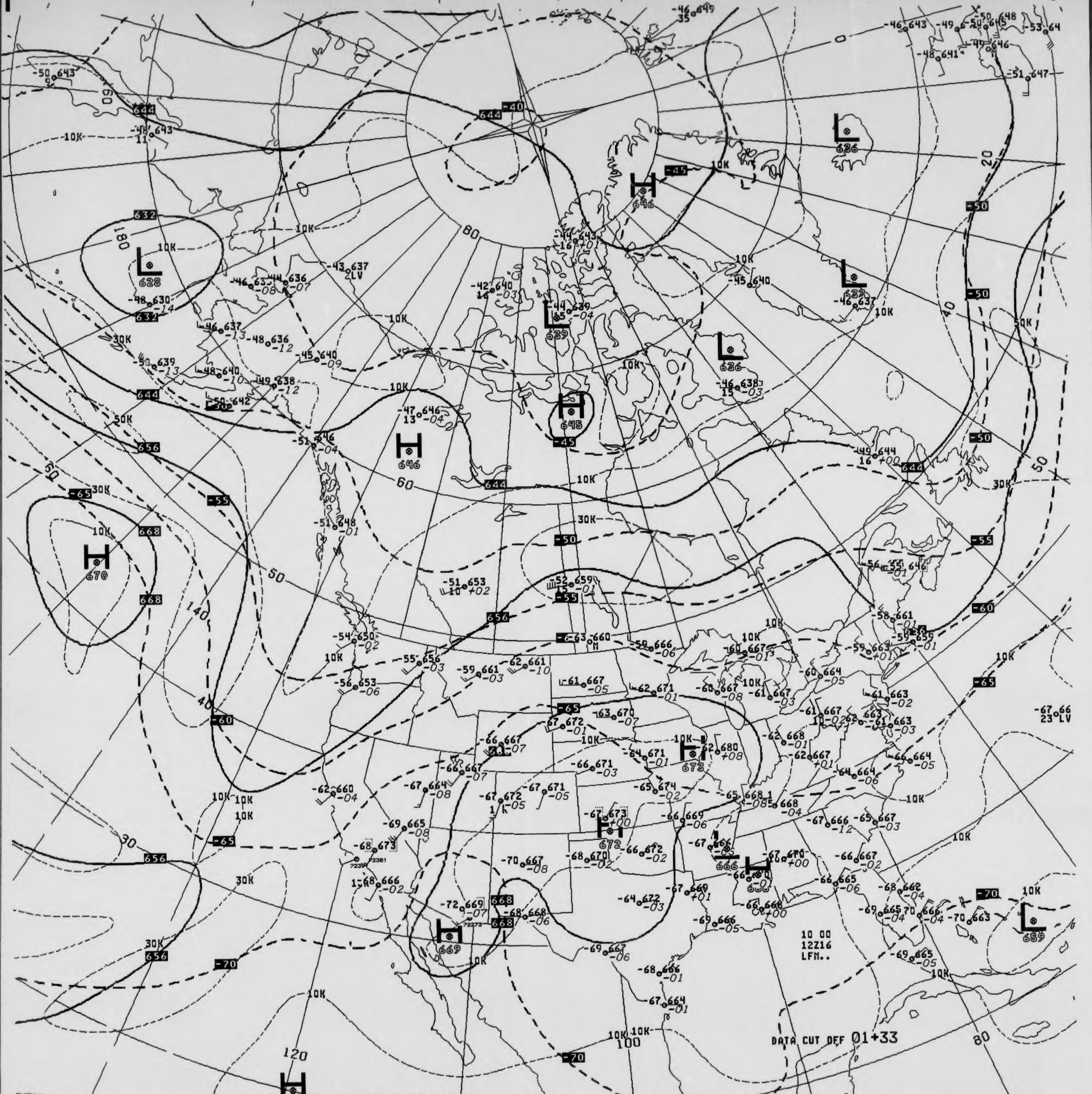

L 642
L 639
L 634
L 640
L 633
L 651
L 660
H 642
H 643
H 648
H 647
H 670
H 679
H 675
H 669
H 667
644
656
668
-40
-45
-50
-55
-60
-65
-70
10K
30K
50K
20
40
50
60
80
100
120
140
160
180
DATA CUT OFF 01+28
10 00
00Z16
LFM

B 07/16/91 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 16 JUL 91

US DEPT OF COMMERCE

ID 72391 72273
LAT/LONG 34N119W 31N110W


DATA CUT OFF 01+33
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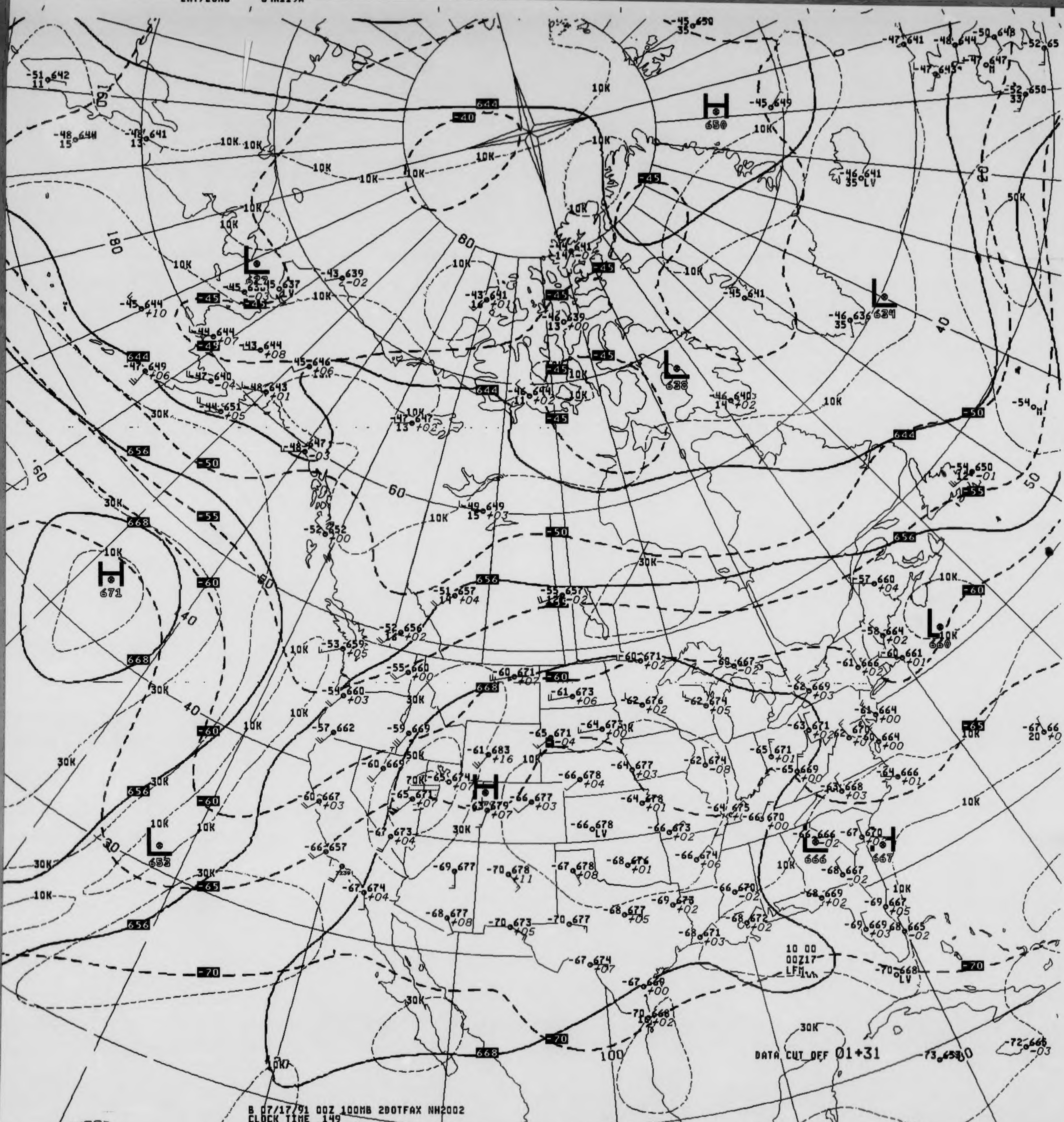
12Z16
LFM..

B 07/16/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1352
GUESS USED-FINL CODE 1

V4329 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 16 JUL 91

US DEPT OF COMMERCE

LAT/LONG 34N119W


DATA CUT OFF 01+31
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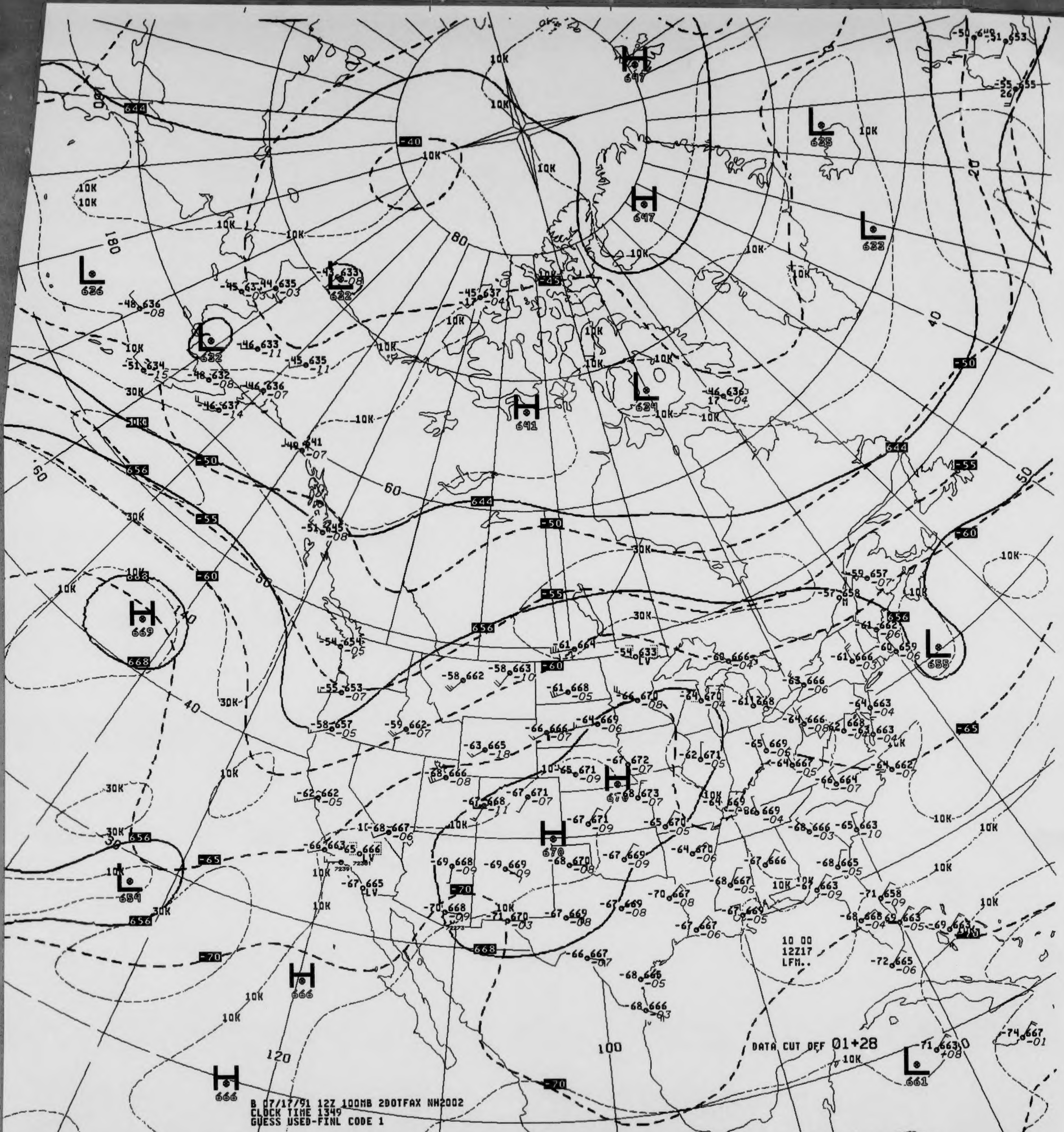
00Z17
LFM
10K
30K
50K
70K
644
656
668
-40
-45
-50
-55
-60
-65
-70
180
160
100
80
60
40
20
50
30

B 07/17/91 00Z 100MB 20DTFAX NH2002
CLOCK TIME 149
GUESS USED-FINL CODE 1

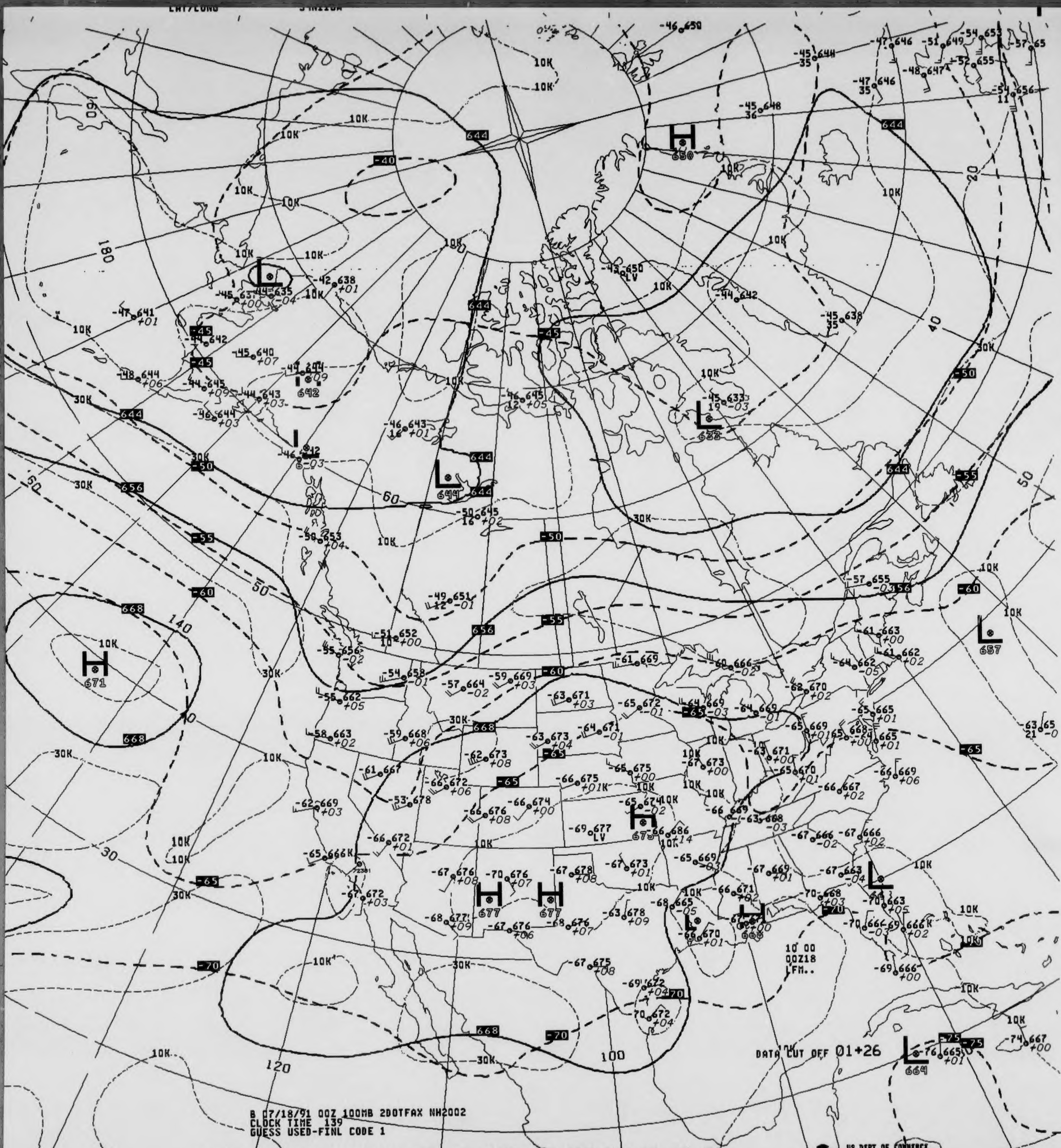
V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 17 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/17/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1349
GUESS USED-FINL CODE 1
DATA CUT OFF 01+28
10 00
12Z17
LFM..
H 647
H 647
L 635
L 633
L 636
L 632
L 632
H 641
L 634
H 669
L 655
H 670
H 670
L 654
H 666
H 666
L 661
644
656
668
-40
-45
-50
-55
-60
-65
-70
10K
30K
180
80
60
50
40
30
20
140
120
100
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 17 JUL 91



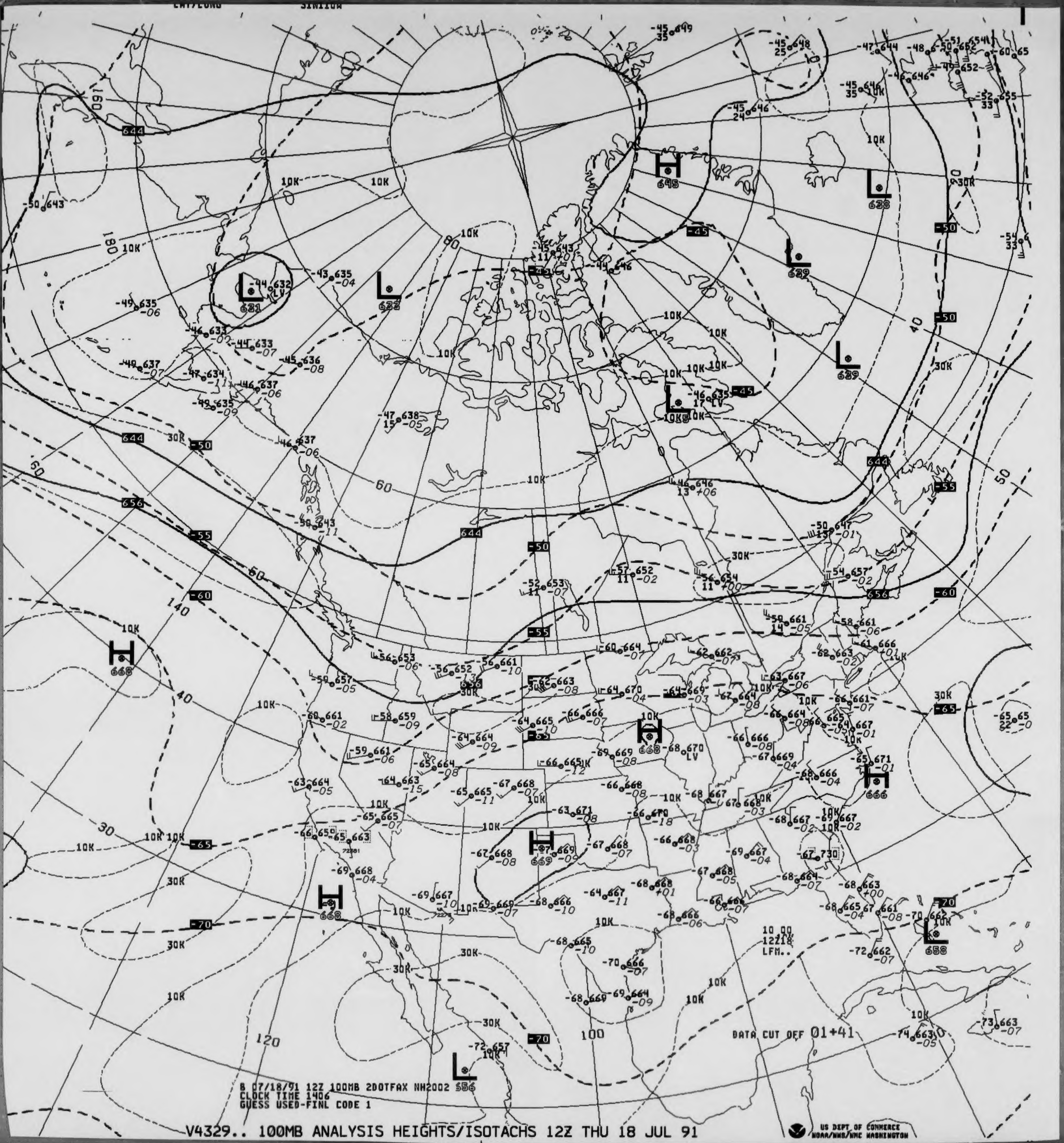
DATA CUT OFF 01+26

10 00
00Z18
LFM..

B 07/18/91 00Z 100MB 20OTFAX NH2002
CLOCK TIME 139
GUESS USED-FINL CODE 1

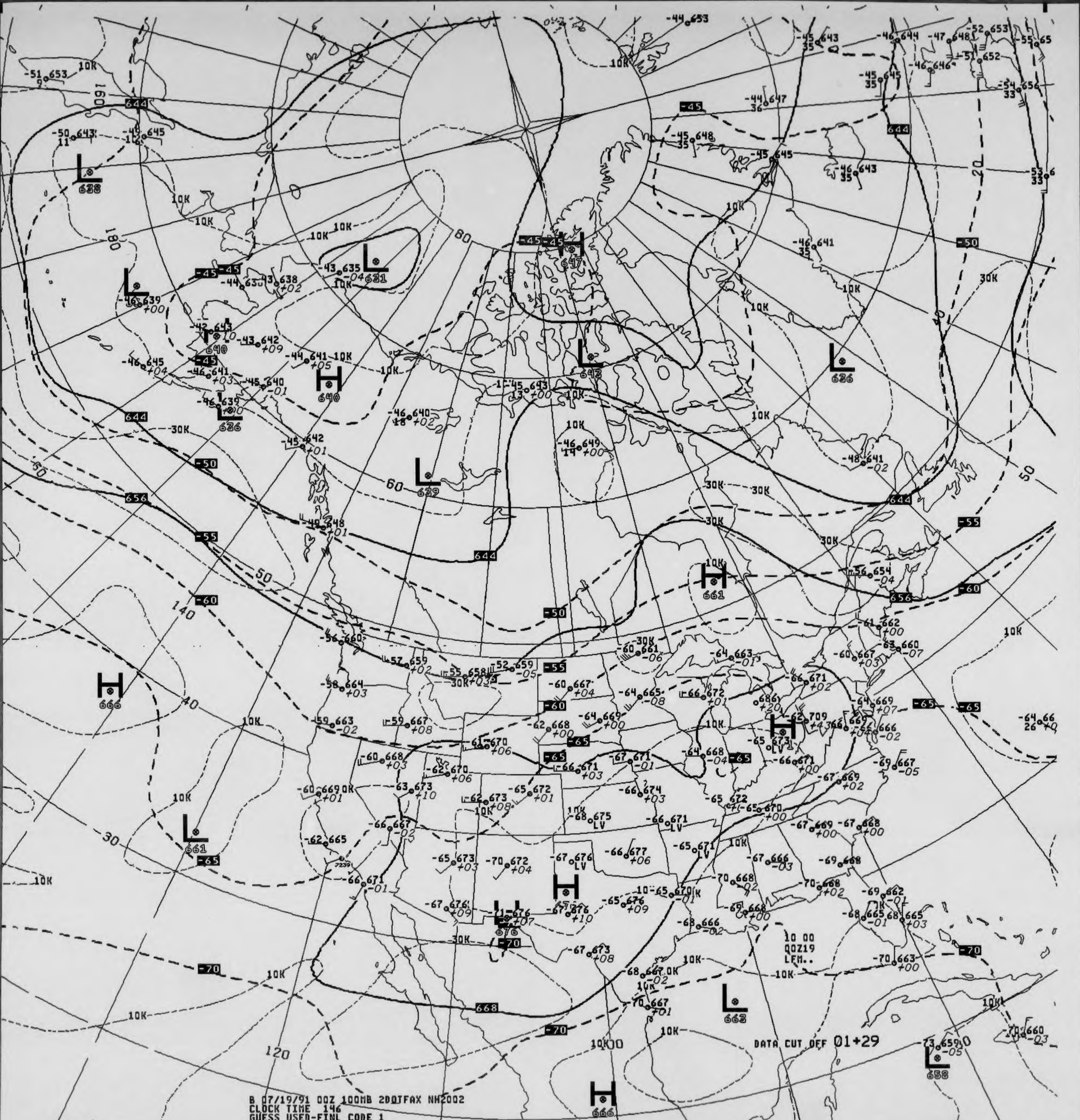
V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 18 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/18/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1406
GUESS USED-FINL CODE 1
DATA CUT OFF 01+41
10 00
12Z18
LFM..
644
656
-50
-55
-60
-65
-70
10K
30K
H
L
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

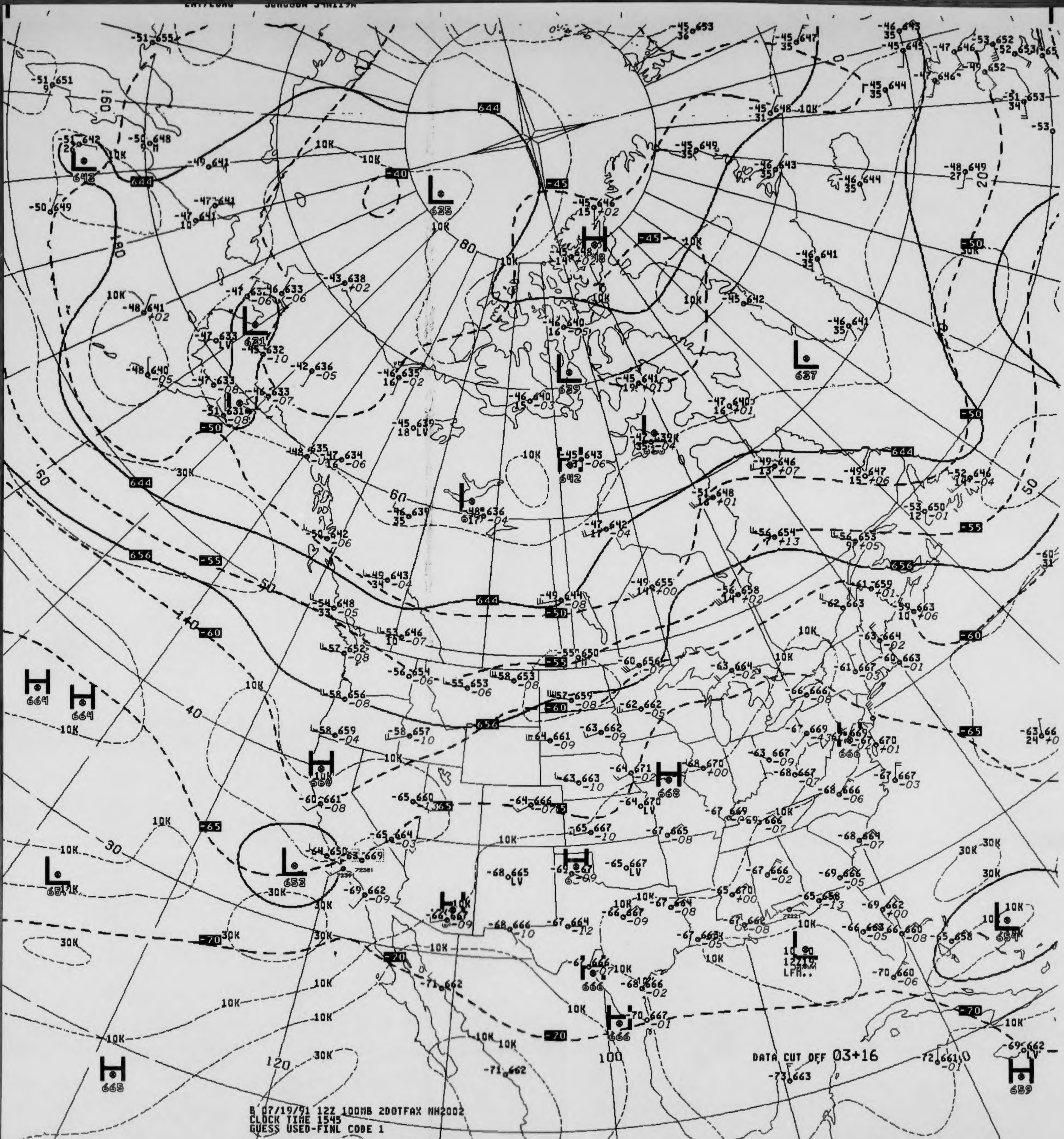
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 18 JUL 91


10 00
00Z19
LFM..
DATA CUT OFF 01+29
H
666
H
661
H
640
H
666
L
638
L
631
L
639
L
661
L
663
L
658
L
636
L
642
L
636
644
656
668
-45
-50
-55
-60
-65
-70
10K
30K
60
50
40
30
20
80
120
140
160
180

B 07/19/91 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 146
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 19 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

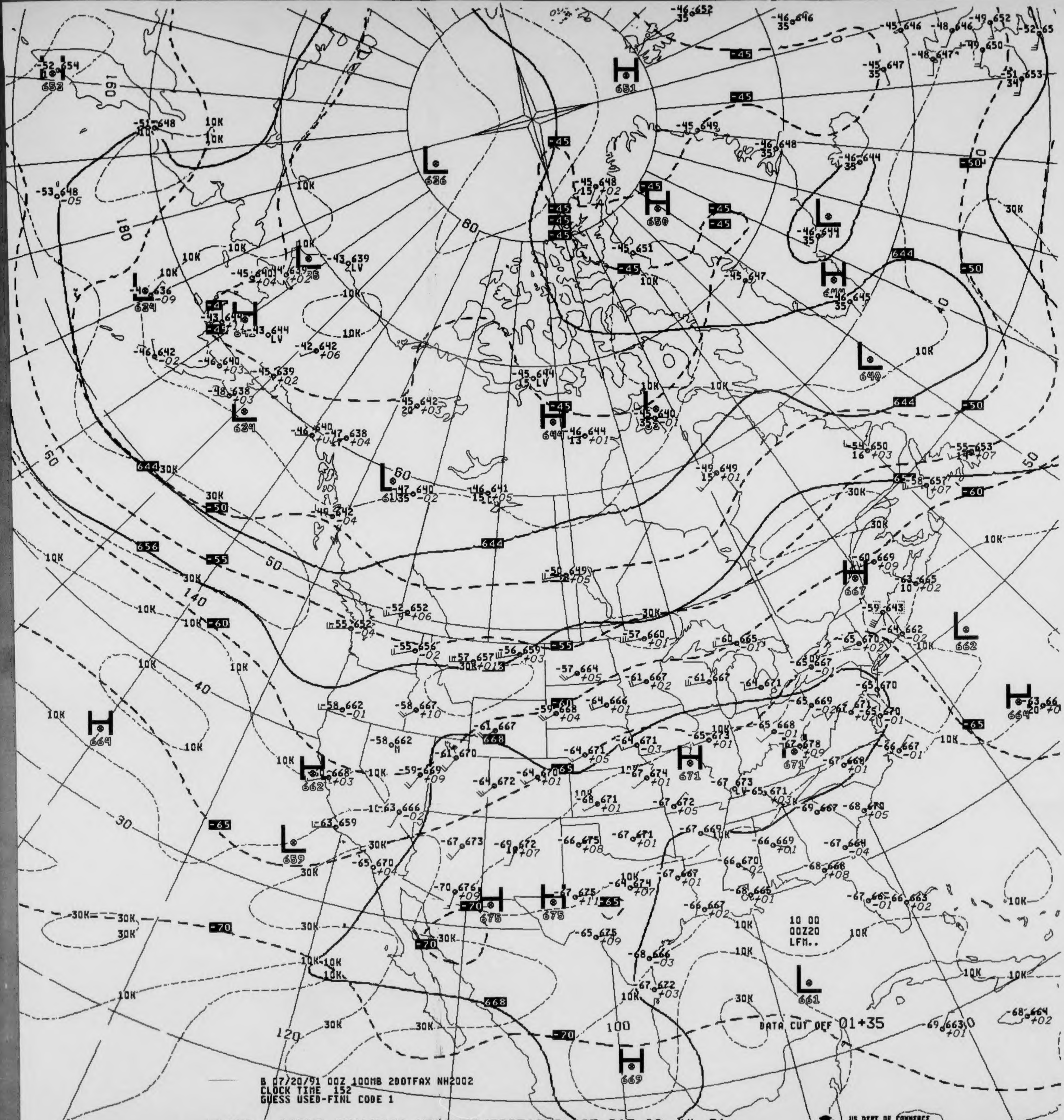


DATA CUT OFF 03+16

B 07/19/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1545
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 19 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

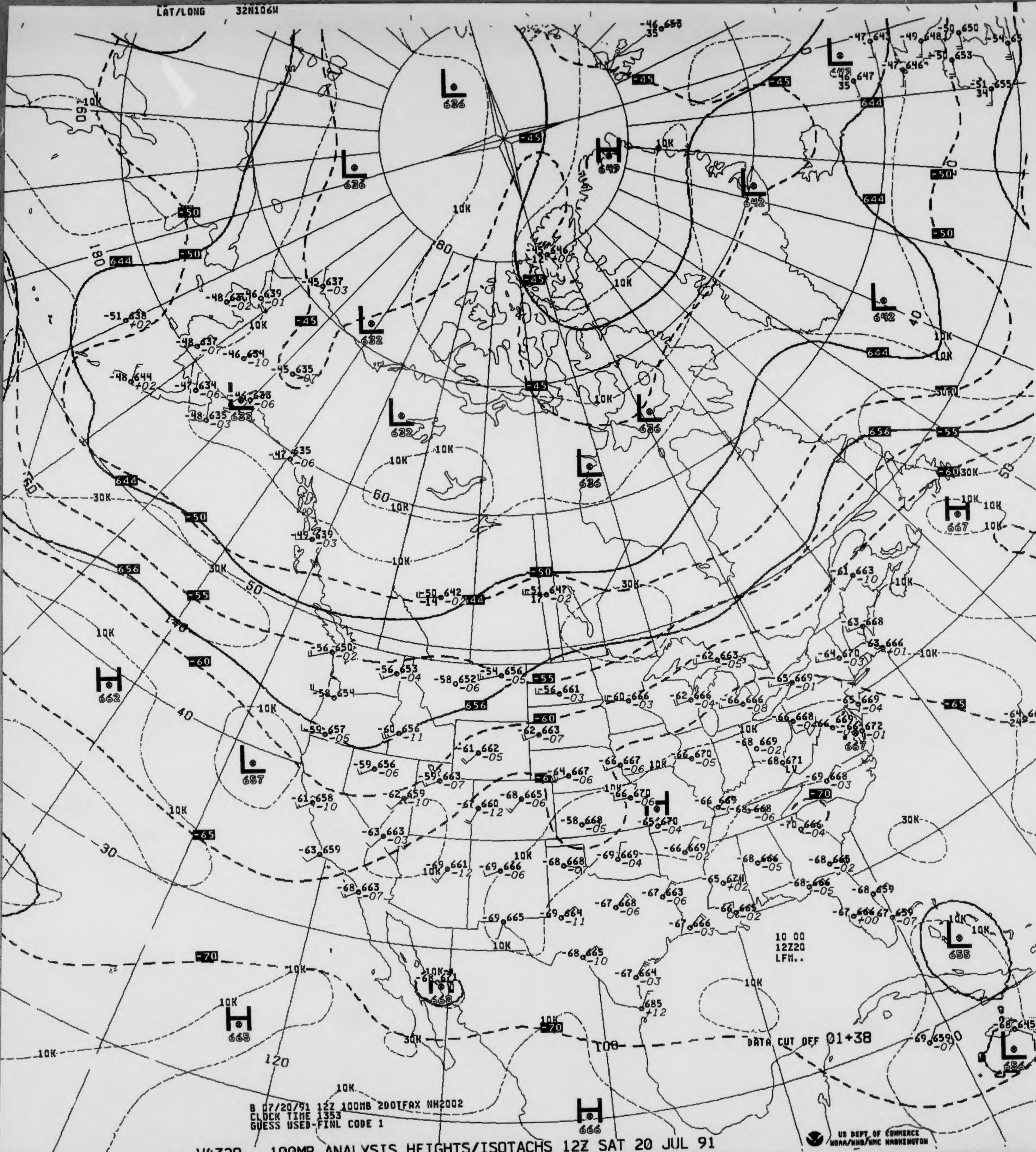


80
180
160
140
120
100
60
50
40
30
H 651
L 636
H 650
L 640
H 644
H 667
L 662
H 664
H 662
L 659
H 675
H 675
H 671
H 669
L 661
668
656
644
-45
-50
-55
-60
-65
-70
10K
30K
10 00
00Z20
LFM..
DATA CUT OFF 01+35

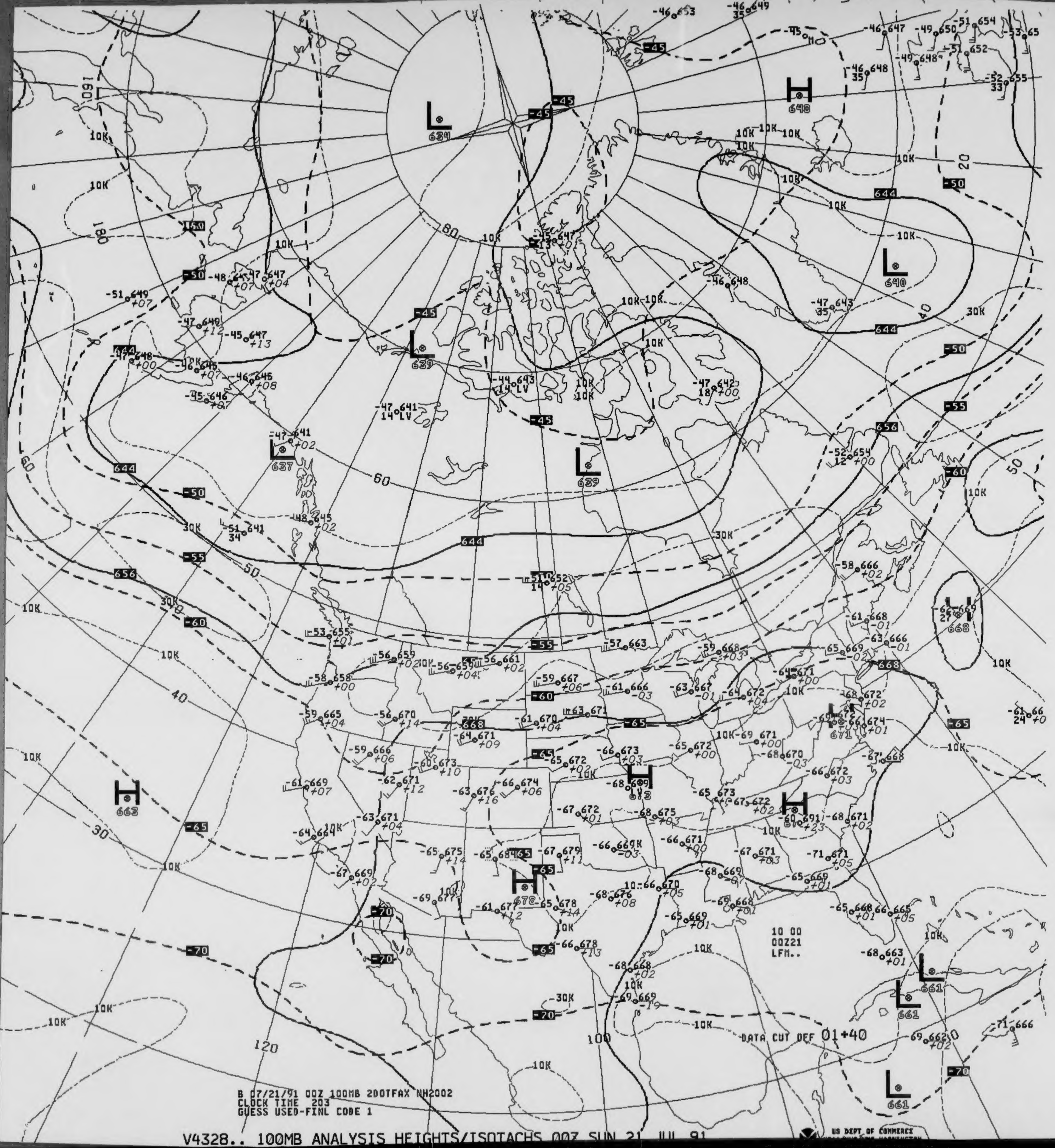
B 07/20/91 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 152
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 20 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


LAT/LONG 32N106W
L 636
L 632
L 642
L 636
L 657
L 655
L 656
H 649
H 662
H 667
H 665
H 666
H 668
-45
-50
-55
-60
-65
-70
644
656
10K
30K
60
50
40
30
180
140
120
100
10 00
12Z20
LFM..
DATA CUT OFF 01+38
B 07/20/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1353
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

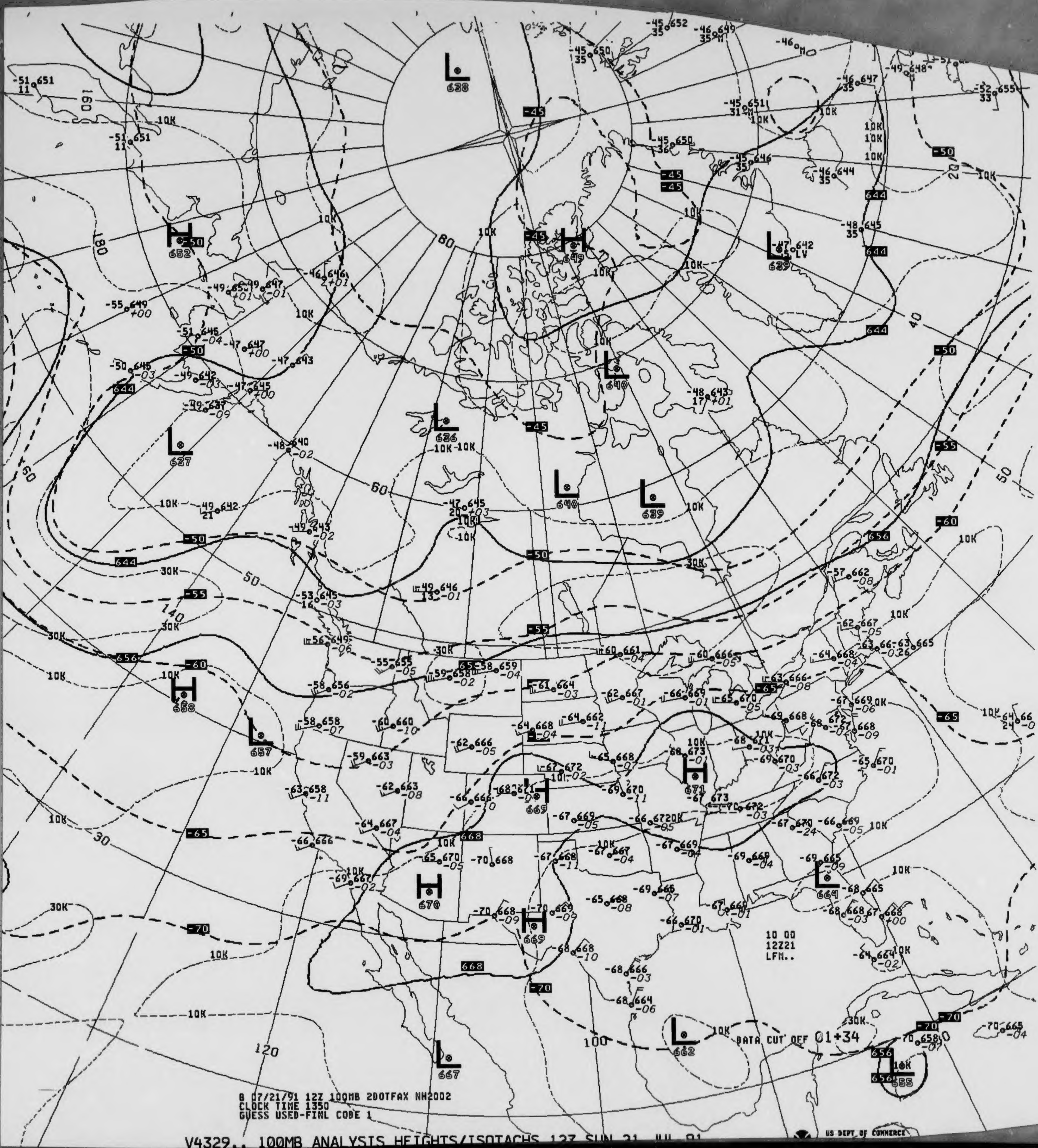
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 20 JUL 91



L 634
H 648
L 640
L 639
L 637
L 639
H 668
H 663
H 673
H 678
H 681
L 661
L 661
L 661
644
656
668
-45
-50
-55
-60
-65
-70
10K
30K
80
60
50
40
30
20
180
160
120
100
10 00
00Z21
LFM..
DATA CUT OFF 01+40
US DEPT OF COMMERCE

B 07/21/91 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 203
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 21 JUL 91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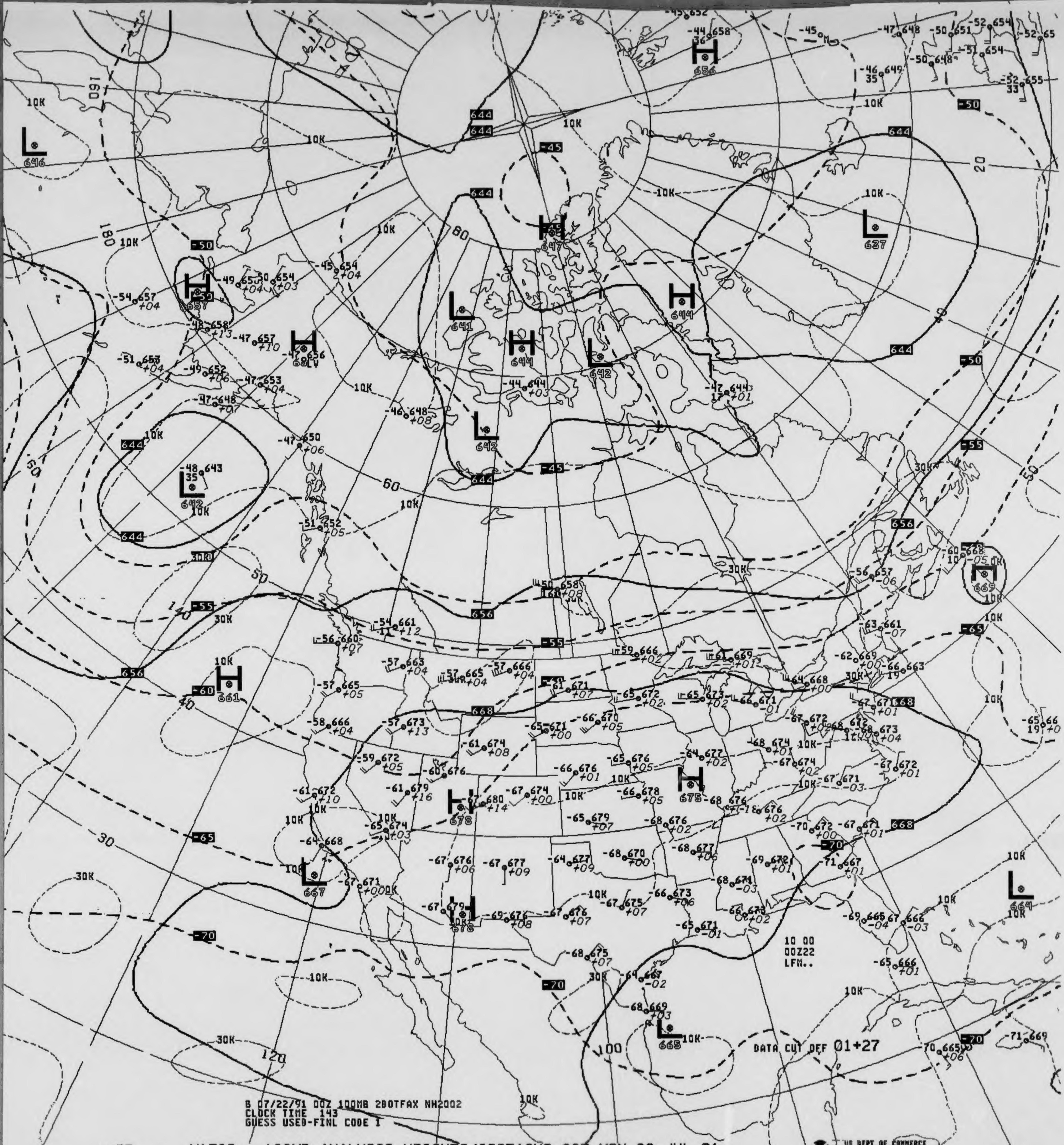
LFM..
US DEPT OF COMMERCE

B 07/21/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1350
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 21 JUL 91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643
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L 641
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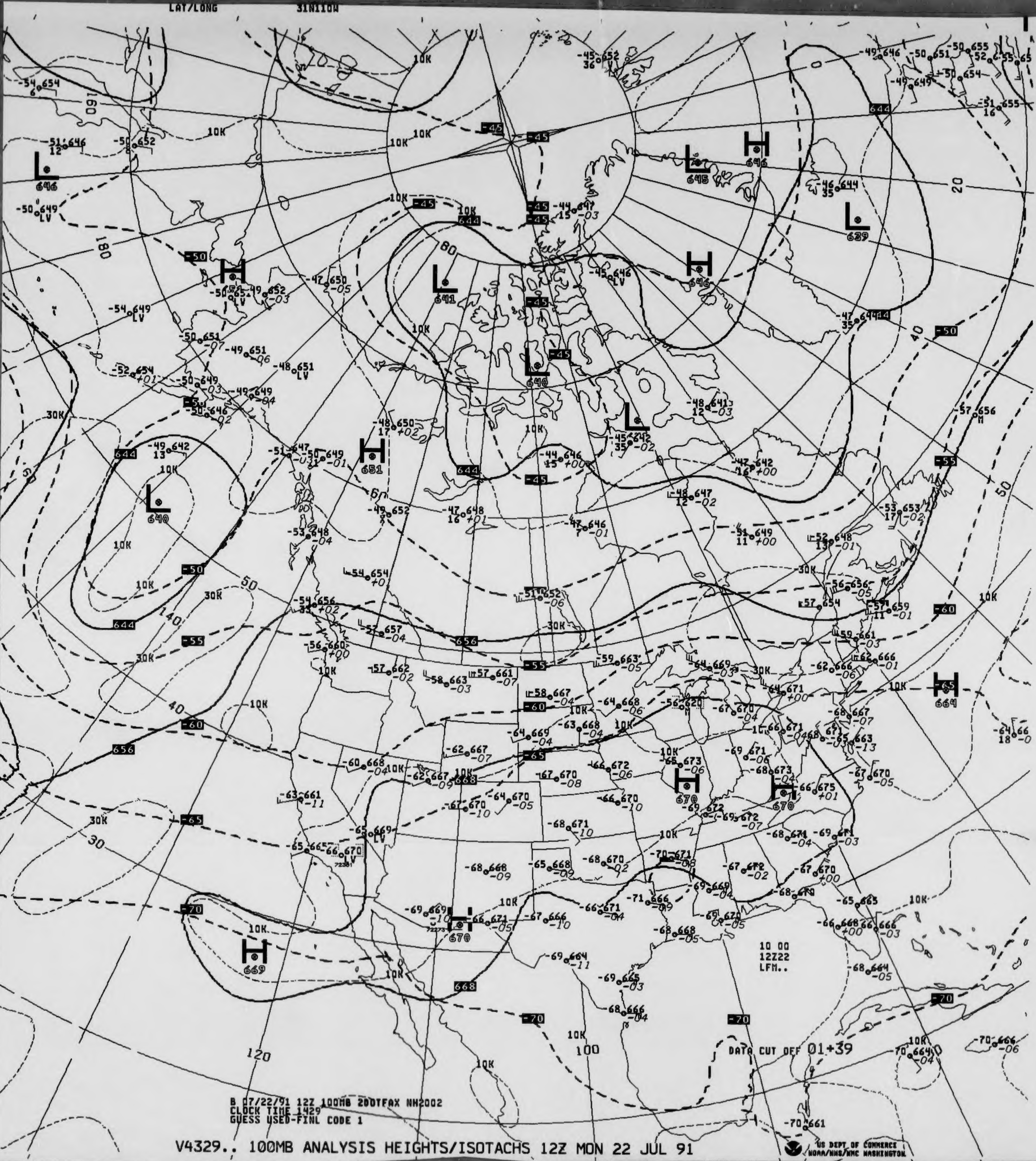
L 642
H 644
L 637
644
656
668
-45
-50
-55
-60
-65
-70
H 675
H 678
H 678
L 664
H 669
60
50
40
30
20
80
100
120
140
160
10K
30K
10 00
00Z22
LFM..
DATA CUT OFF 01+27

B 07/22/91 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 143
GUESS USED-FINL CODE I

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 22 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

LAT/LONG 31N110W



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H 646
H 646
H 670
H 670
H 670
H 669
H 664
L 646
L 641
L 640
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L 645
L 639
160
180
140
120
100
20
40
50
60
80
10 00
12Z22
LFM..

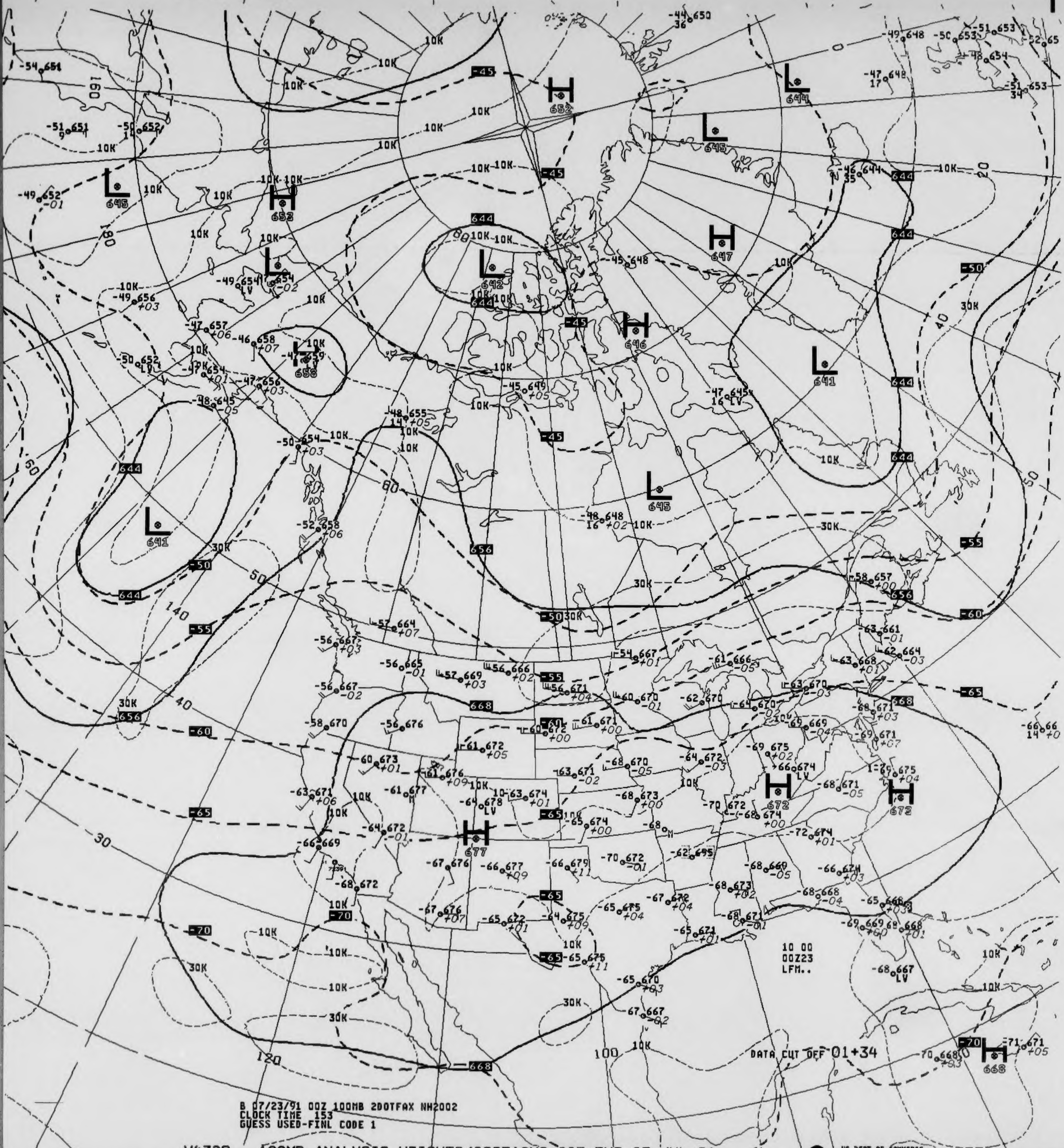
DATA CUT OFF 01+39

B 07/22/91 12Z 100MB 20DTFAX NH2002
CLOCK TIME 1429
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 22 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

ID 72391
LAT/LONG 34N119W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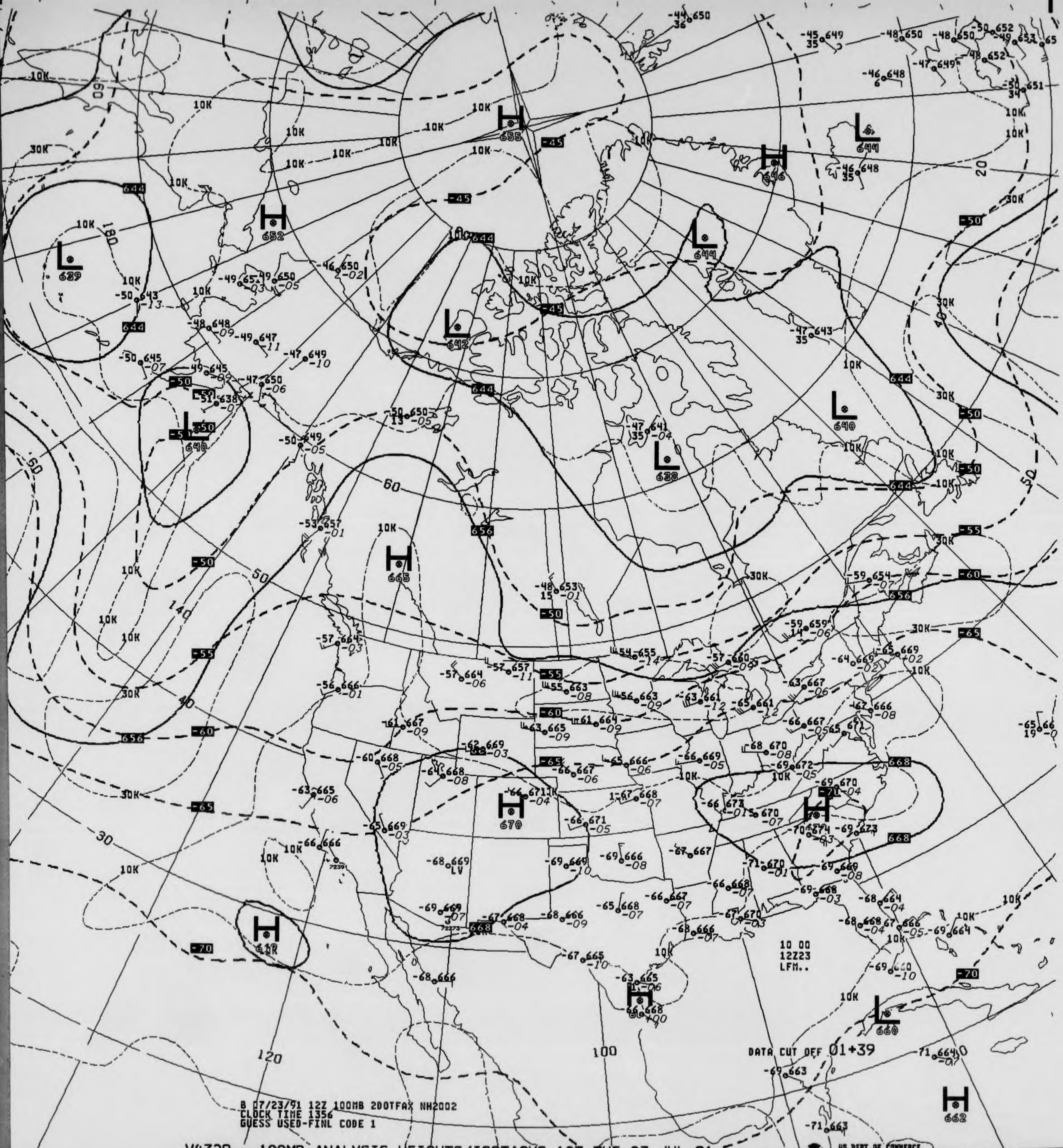
L 642
H 646
L 641
L 641
L 645
H 658
H 672
H 673
H 677
H 668
10 00
00Z23
LFM..
DATA CUT OFF 01+34
B 07/23/91 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 153
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 23 JUL 91

US DEPT OF COMMERCE

ID 72391 72273
LAT/LONG 34N119W 31N110W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L 638
H 665
H 670
H 674
H 668
H 660
L 660
H 662
10 00
12Z23
LFM..
DATA CUT OFF 01+39
B 07/23/91 12Z 100MB 200TFAX NH2002
CLOCK TIME 1356
GUESS USED-FINL CODE 1
120
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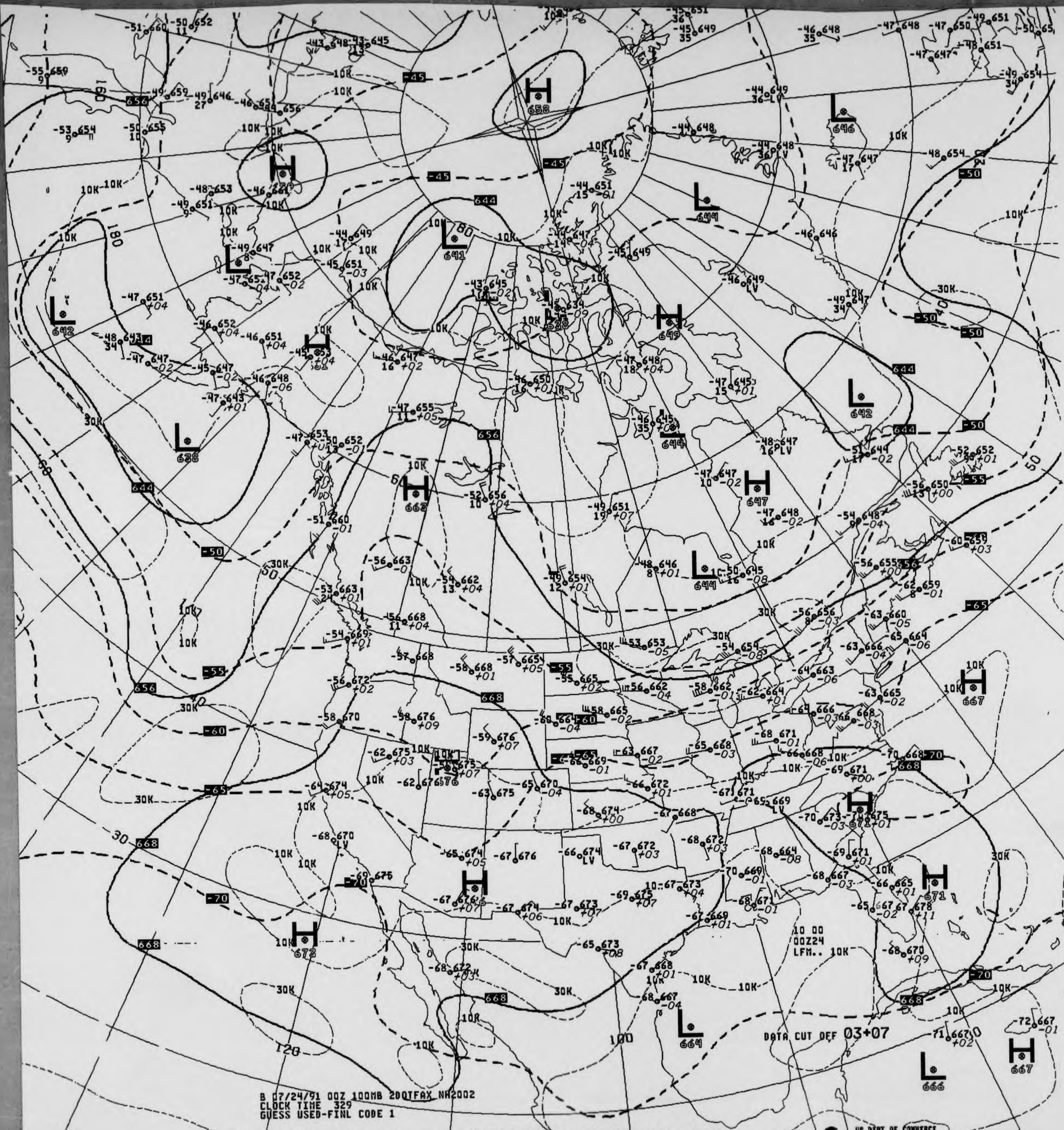
US DEPT OF COMMERCE

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 23 JUL 91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00Z24
LFM.. 10K

B 07/24/91 00Z 100MB 200TFAX NH2002
CLOCK TIME 329
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 24 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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          28       21
ID        72391    72273
LAT/LONG  34N119W  31N110W
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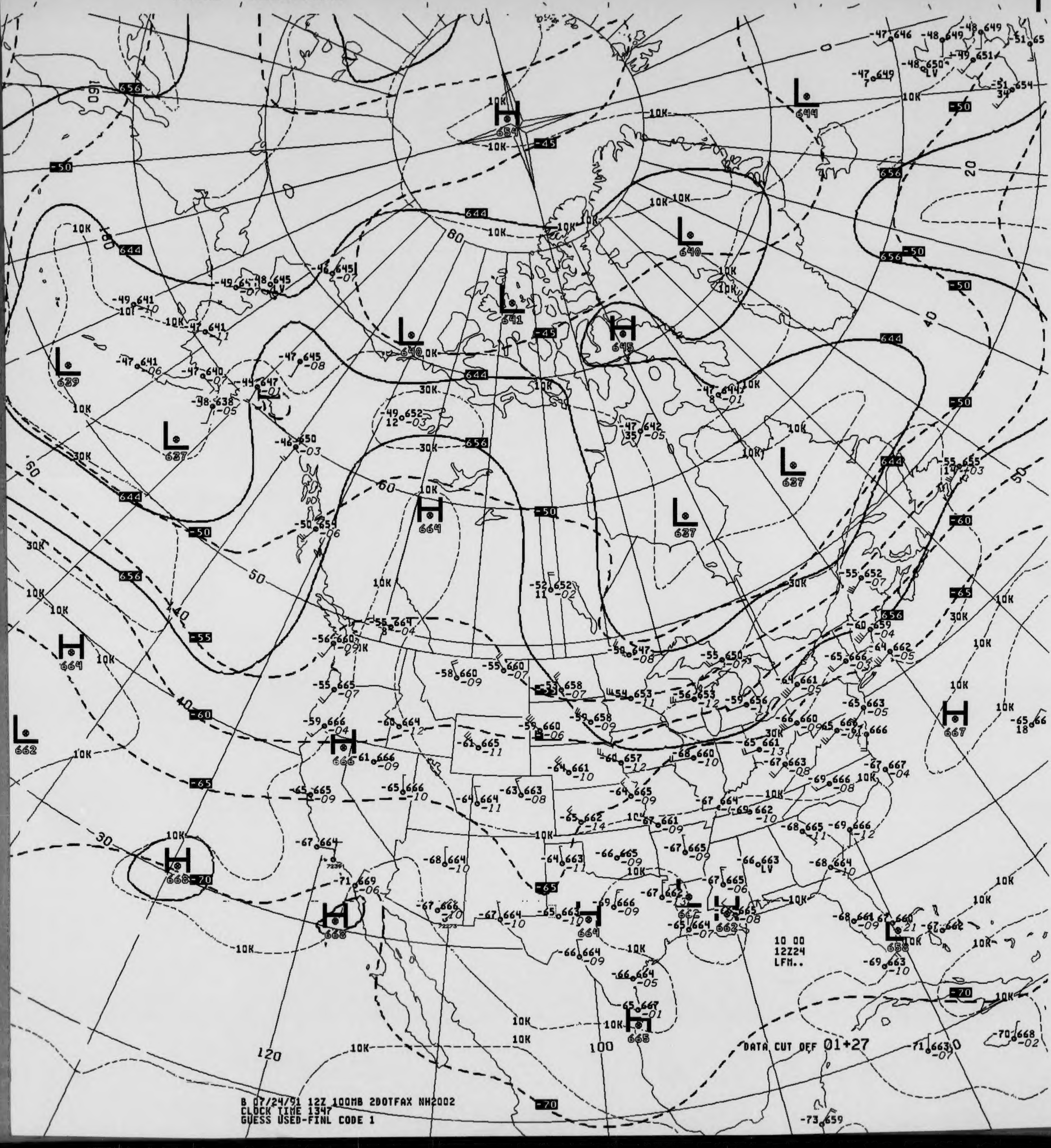

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L 644
L 640
L 641
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H 645
L 639
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H 664
H 664
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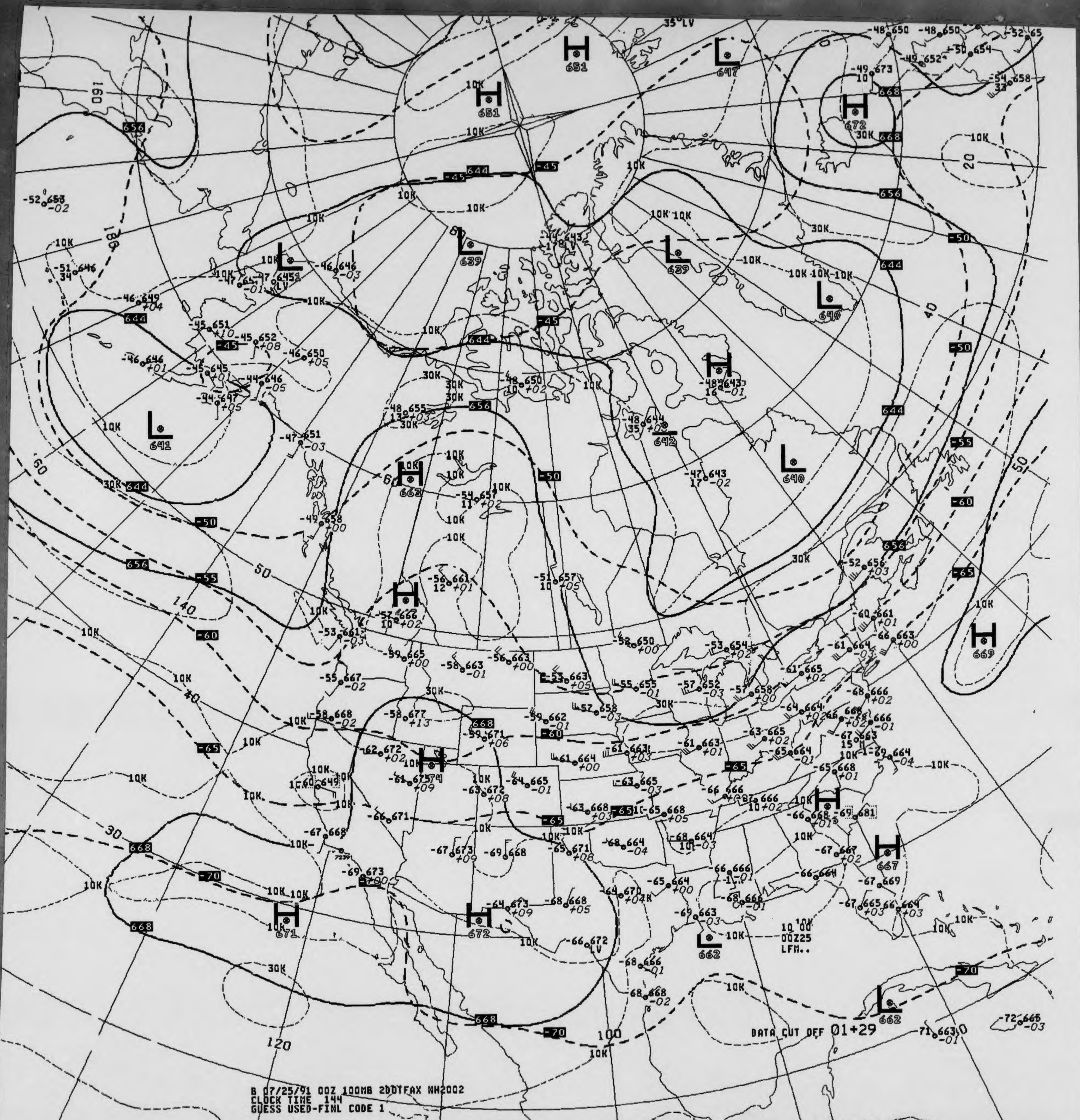
H 666
H 668
H 668
H 664
H 665
H 667
L 658
644
656
-50
-45
-55
-60
-65
-70
10K
30K
160
80
60
50
40
30
20
140
120
100

10 00
12Z24
LFM..

DATA CUT OFF 01+27

B 07/24/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1347
GUESS USED-FINL CODE 1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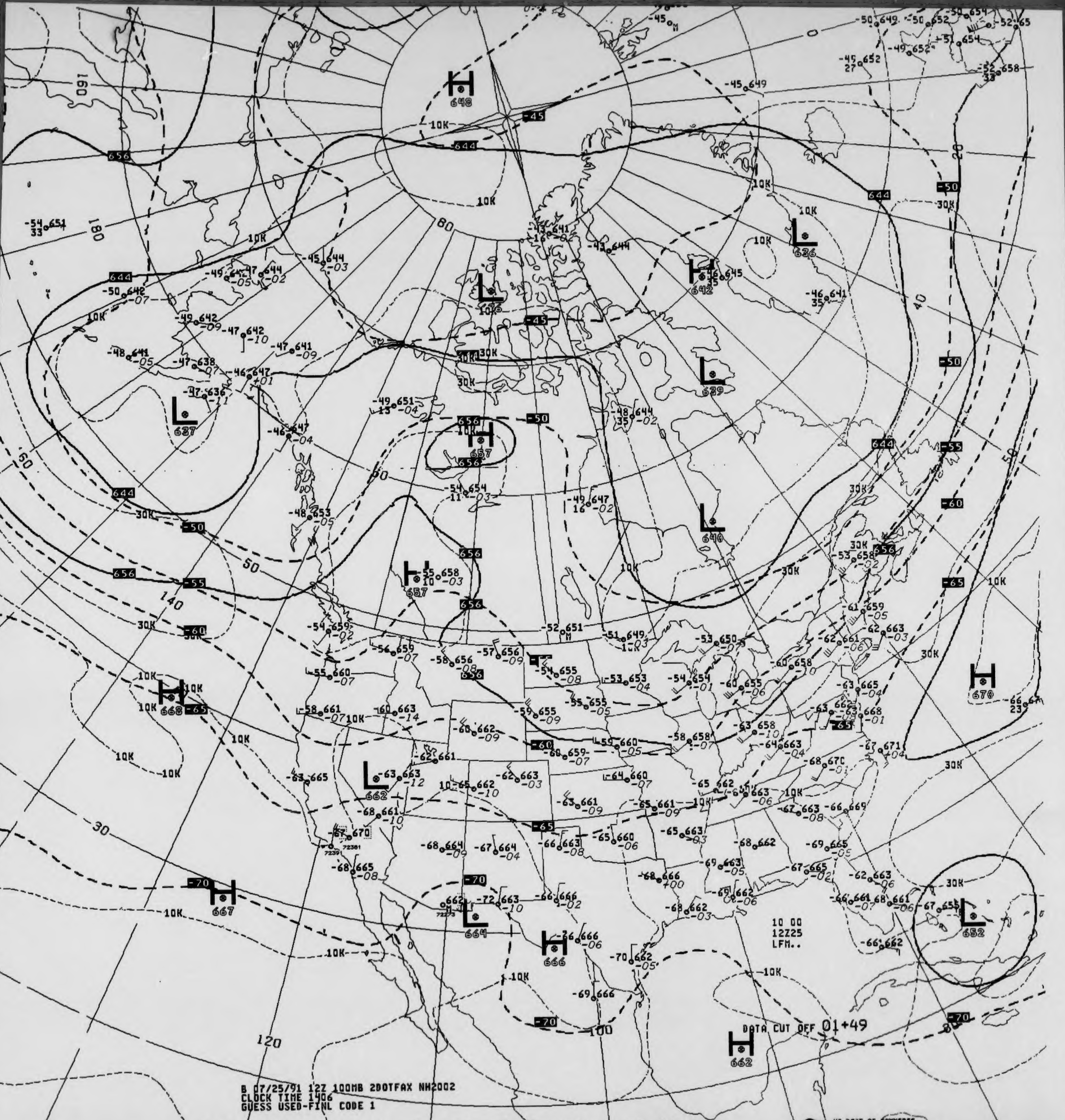
H 651
L 647
H 672
L 639
L 639
L 640
H 643
L 641
H 663
L 640
H 669
H 662
H 674
H 671
H 672
H 667
L 662
L 662
H 681
DATA CUT OFF 01+29
10 00
00Z25
LFM..
B 07/25/91 00Z 100MB 2DDTFAX NH2002
CLOCK TIME 144
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 25 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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H 642
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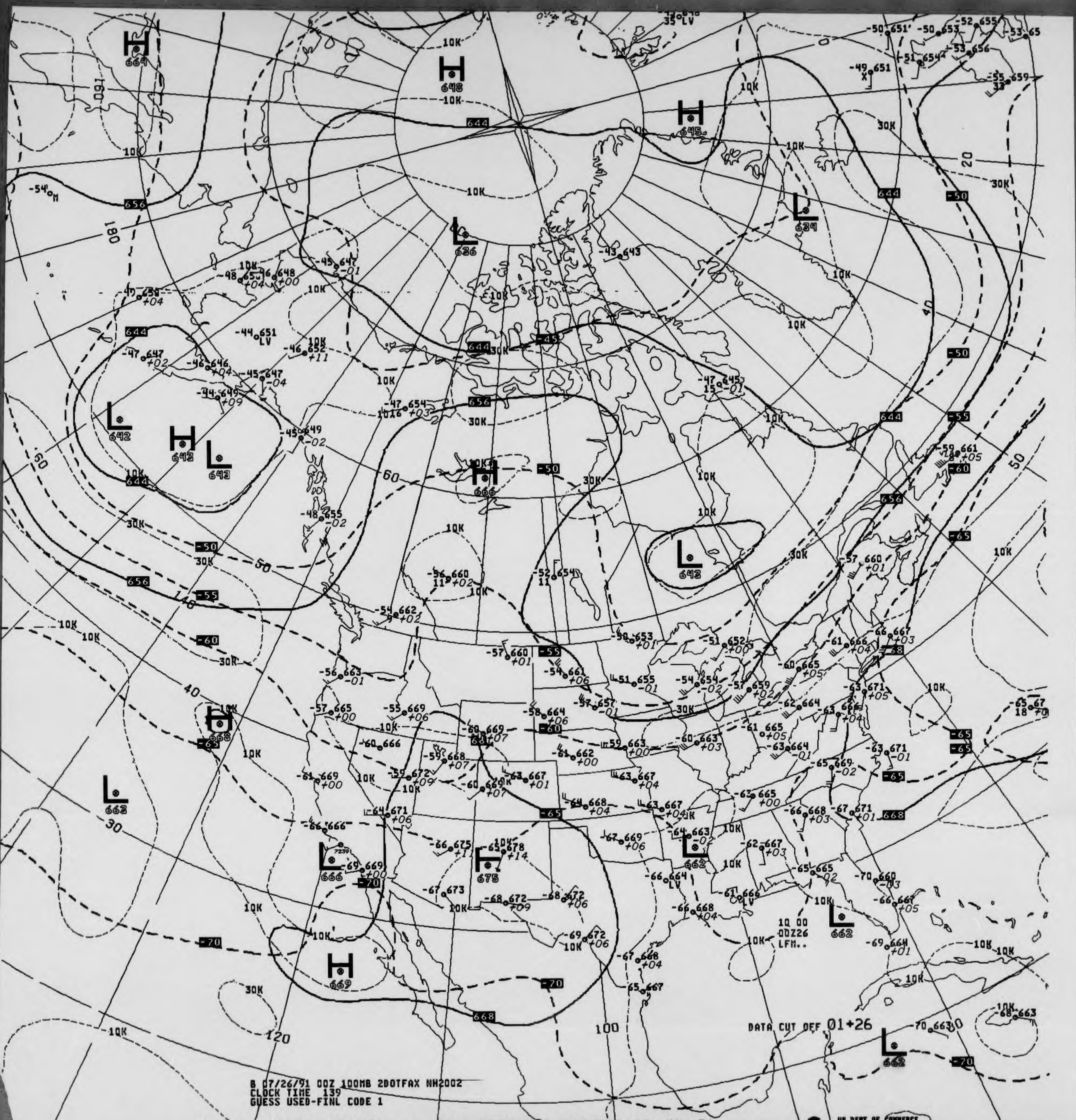
L 627
H 657
H 657
H 668
L 662
H 667
L 664
H 666
H 662
H 670
L 632
10 00
12Z25
LFM..
DATA CUT OFF 01+49
B 07/25/91 12Z 100MB 200TFAX NH2002
CLOCK TIME 1406
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 25 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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L 636
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L 642
H 642
L 642
H 666
L 642
H 668
L 662
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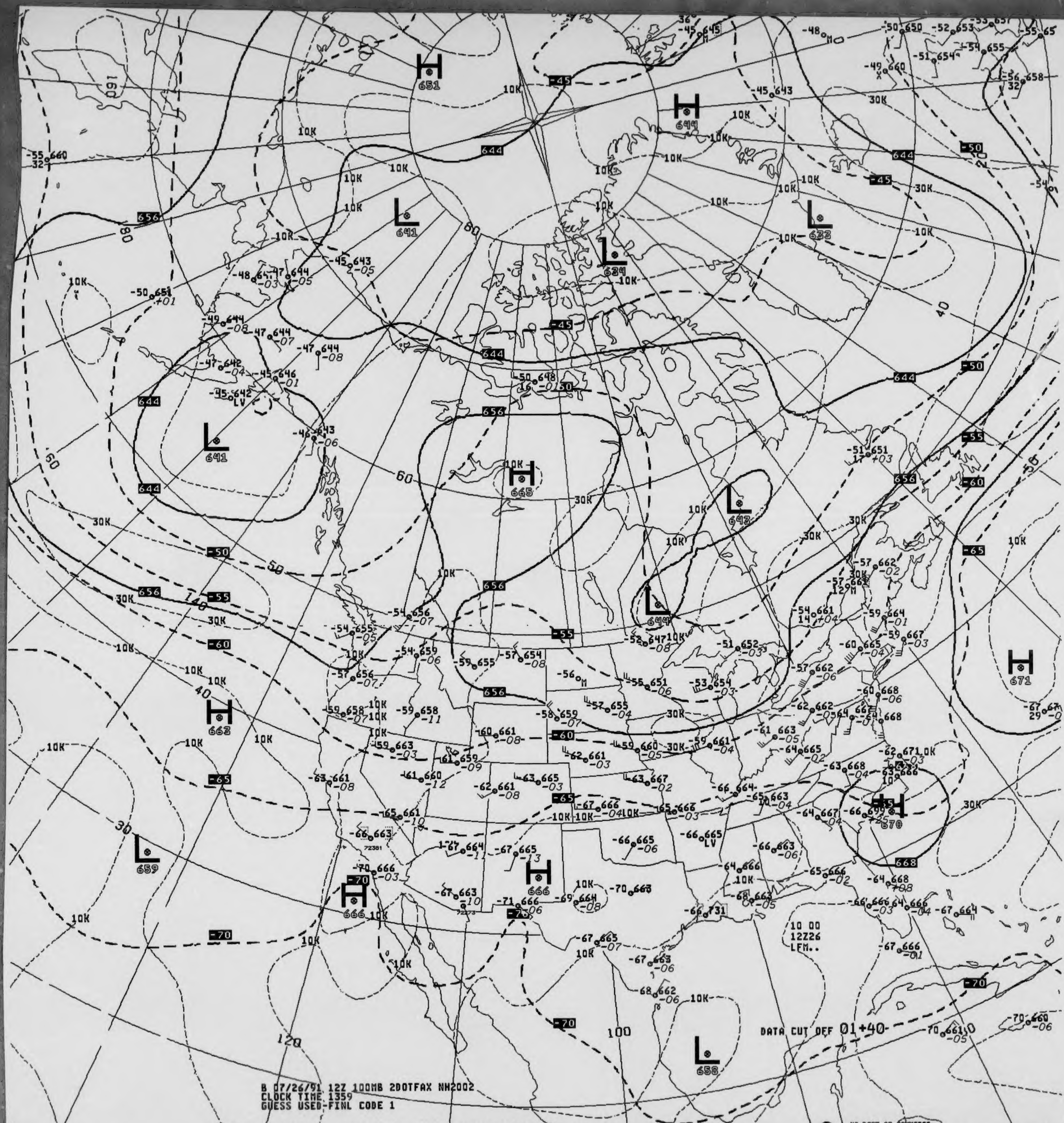
H 675
H 669
L 662
L 662
L 662
644
656
-50
-55
-60
-65
-70
668
10K
30K
180
160
140
120
100
60
50
40
30
20
DATA CUT OFF 01+26
10 00
00Z26
LFM..
US DEPT OF COMMERCE

B 07/26/91 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 139
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 26 JUL 91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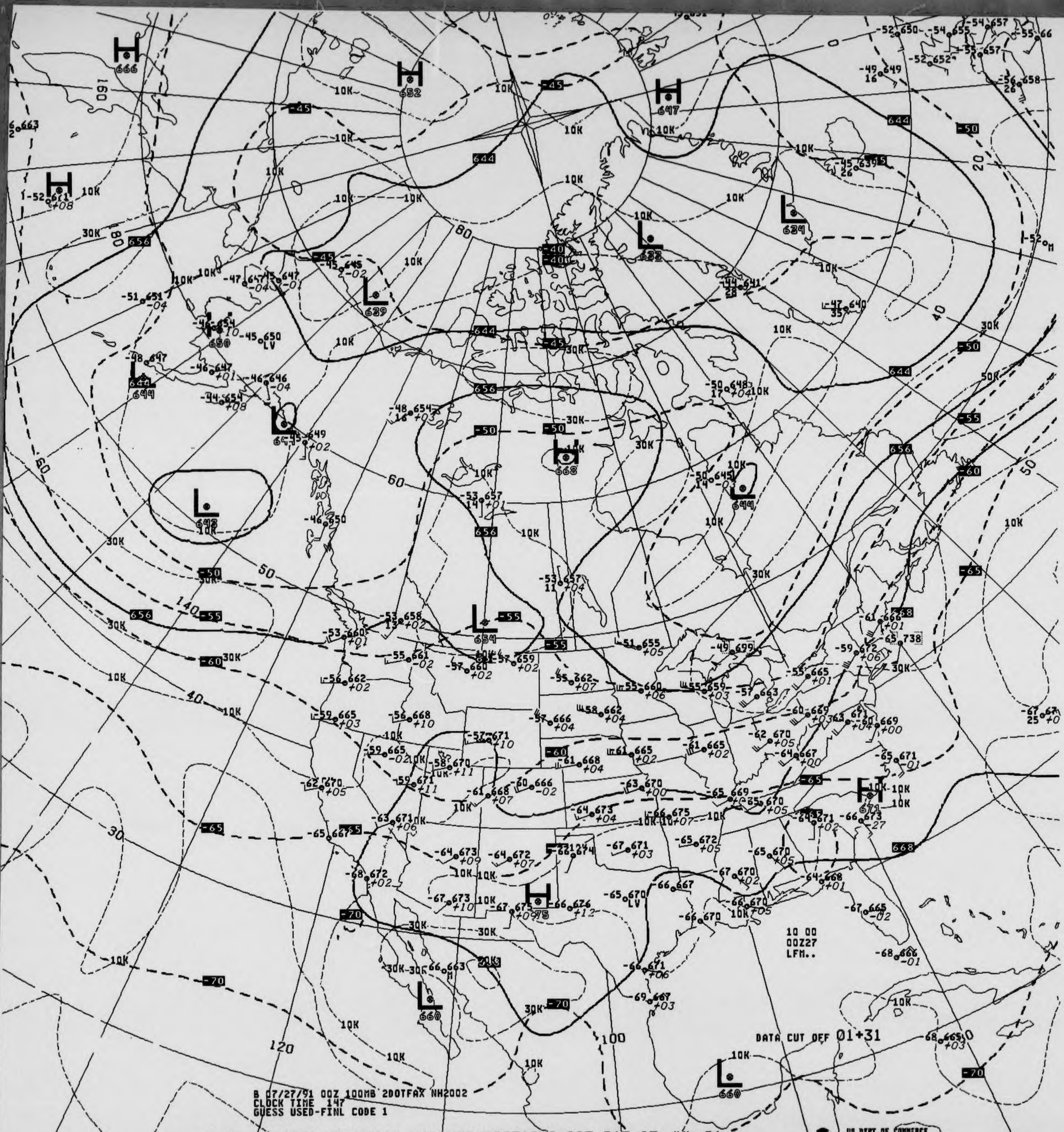
L 641
L 633
L 634
L 641
H 665
L 643
L 644
H 671
H 663
L 659
H 666
H 666
H 670
L 658
644
656
-45
-50
-55
-60
-65
-70
10K
30K
DATA CUT OFF 01+40
10 00
12Z26
LFM..
B 07/26/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1

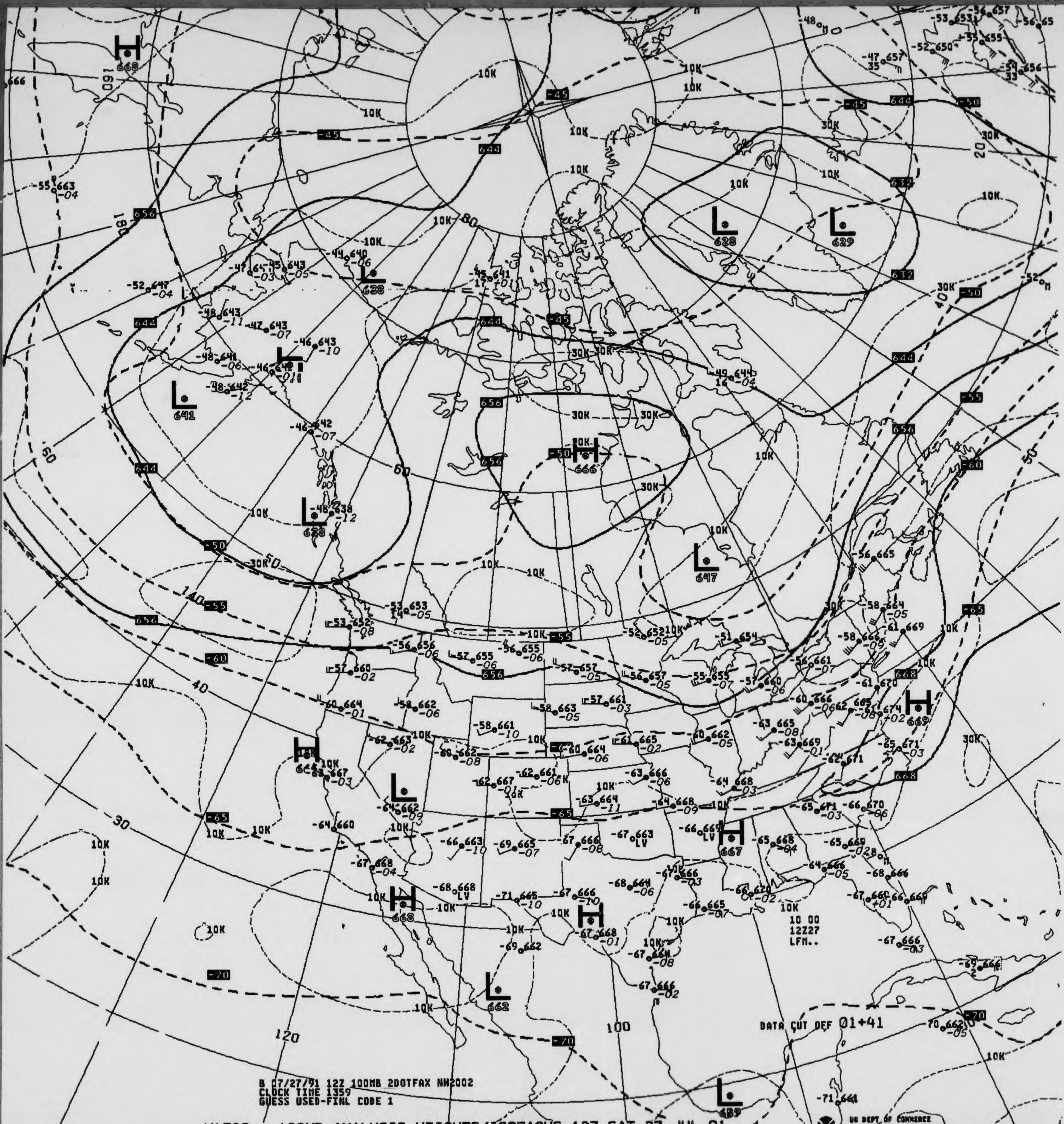
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 26 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



H 666
H 652
H 647
H 671
L 639
L 634
L 633
L 642
L 644
L 644
L 654
L 660
L 660
H 668
H 675
H 671
644
656
668
-40
-45
-50
-55
-60
-65
-70
10K
30K
20
40
50
60
80
100
120
140
160
180
10 00
00Z27
LFM..
DATA CUT OFF 01+31
B 07/27/91 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 147
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 27 JUL 91

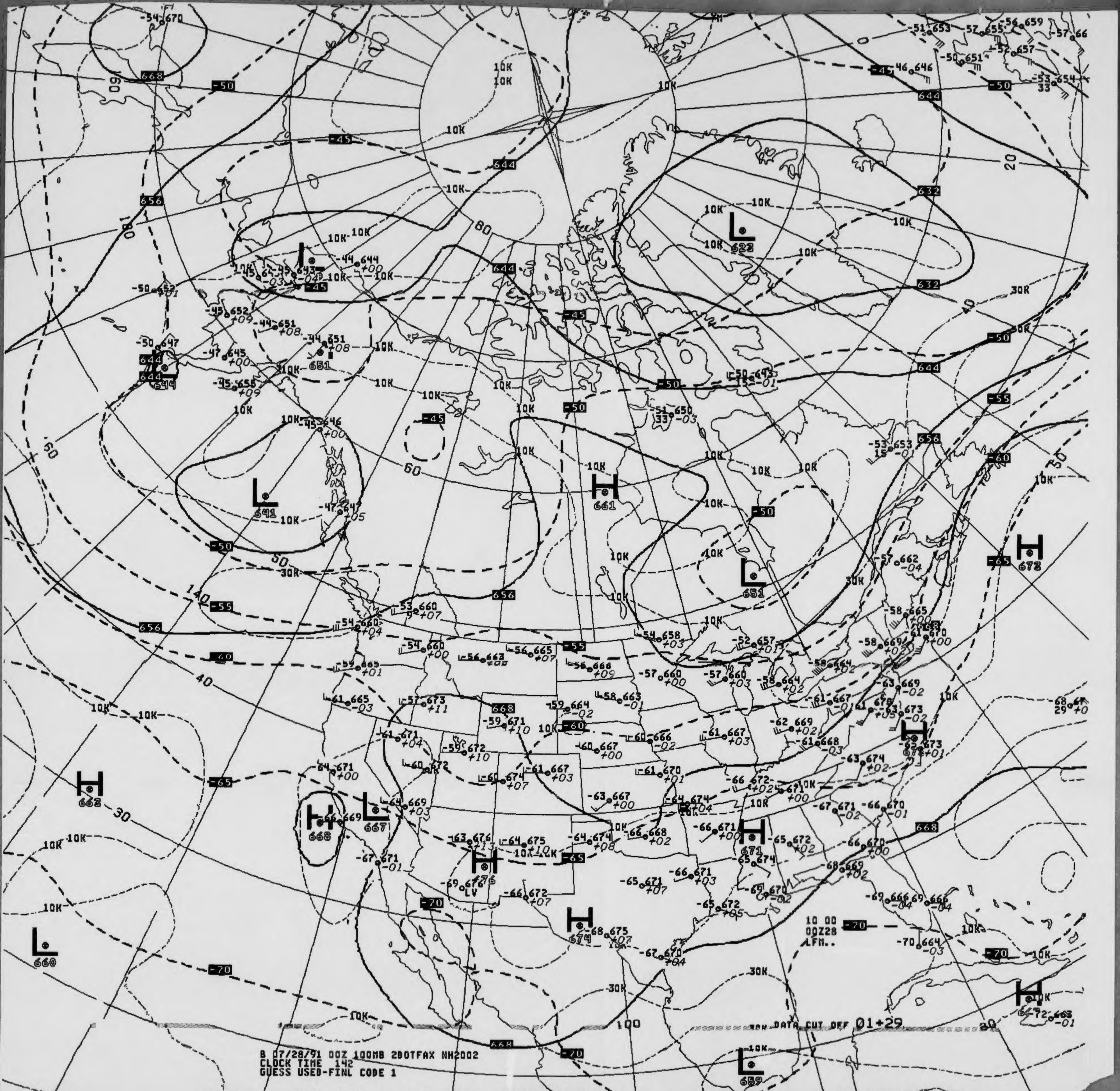

668
641
638
638
628
629
647
666
669
667
668
662
659
644
656
632
-45
-50
-55
-60
-65
-70
10K
30K
20K
160
180
120
100
80
60
50
40
30
20
140
10 00
12Z27
LFM..

DATA CUT OFF 01+41

B 07/27/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 27 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

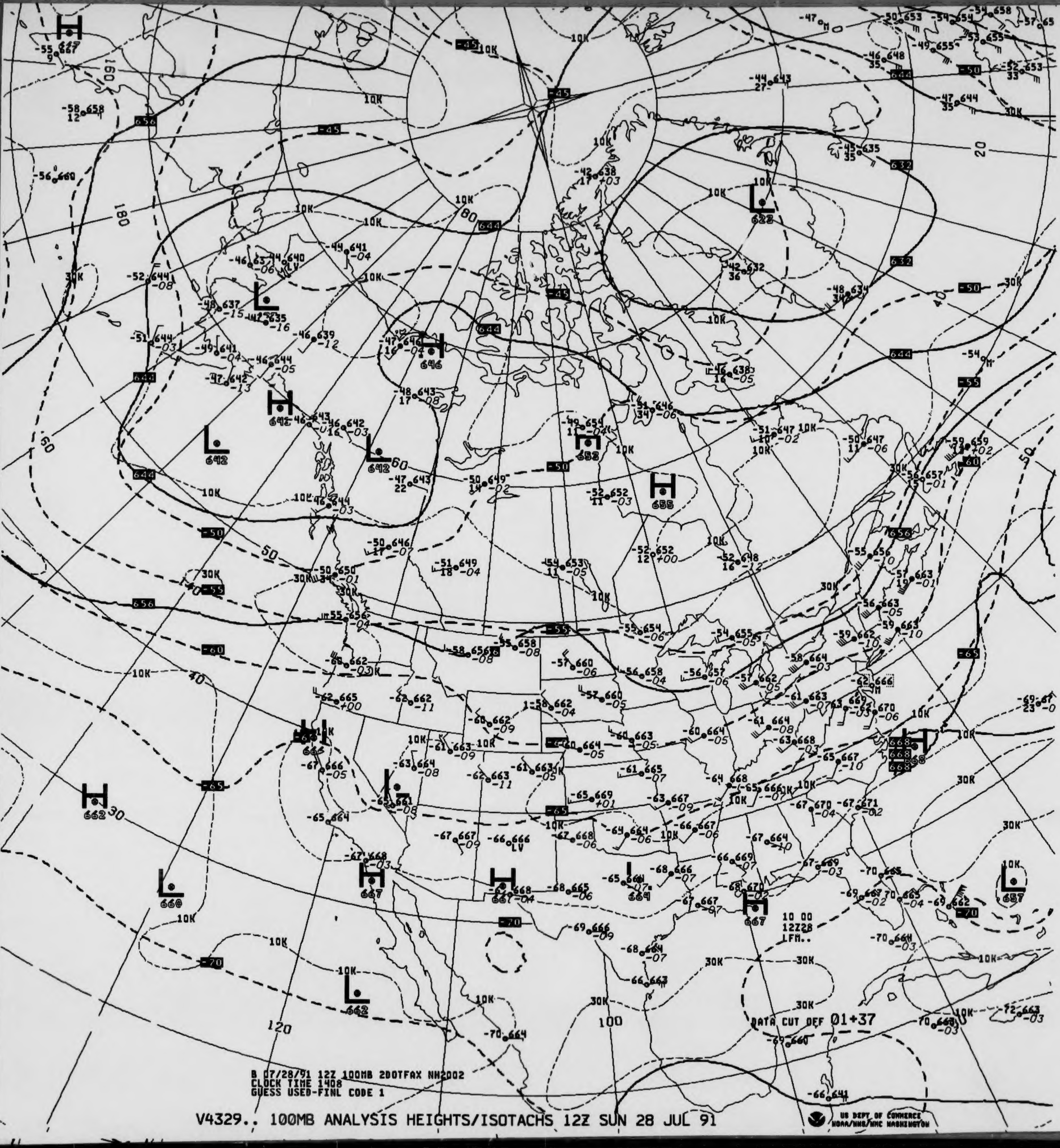


DATA CUT OFF 01+29
H 661
H 673
H 662
H 668
H 676
H 674
H 671
L 623
L 641
L 651
L 667
L 660
L 659
644
656
632
668
-45
-50
-55
-60
-65
-70
10K
30K

B 07/28/91 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 142
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 28 JUL 91

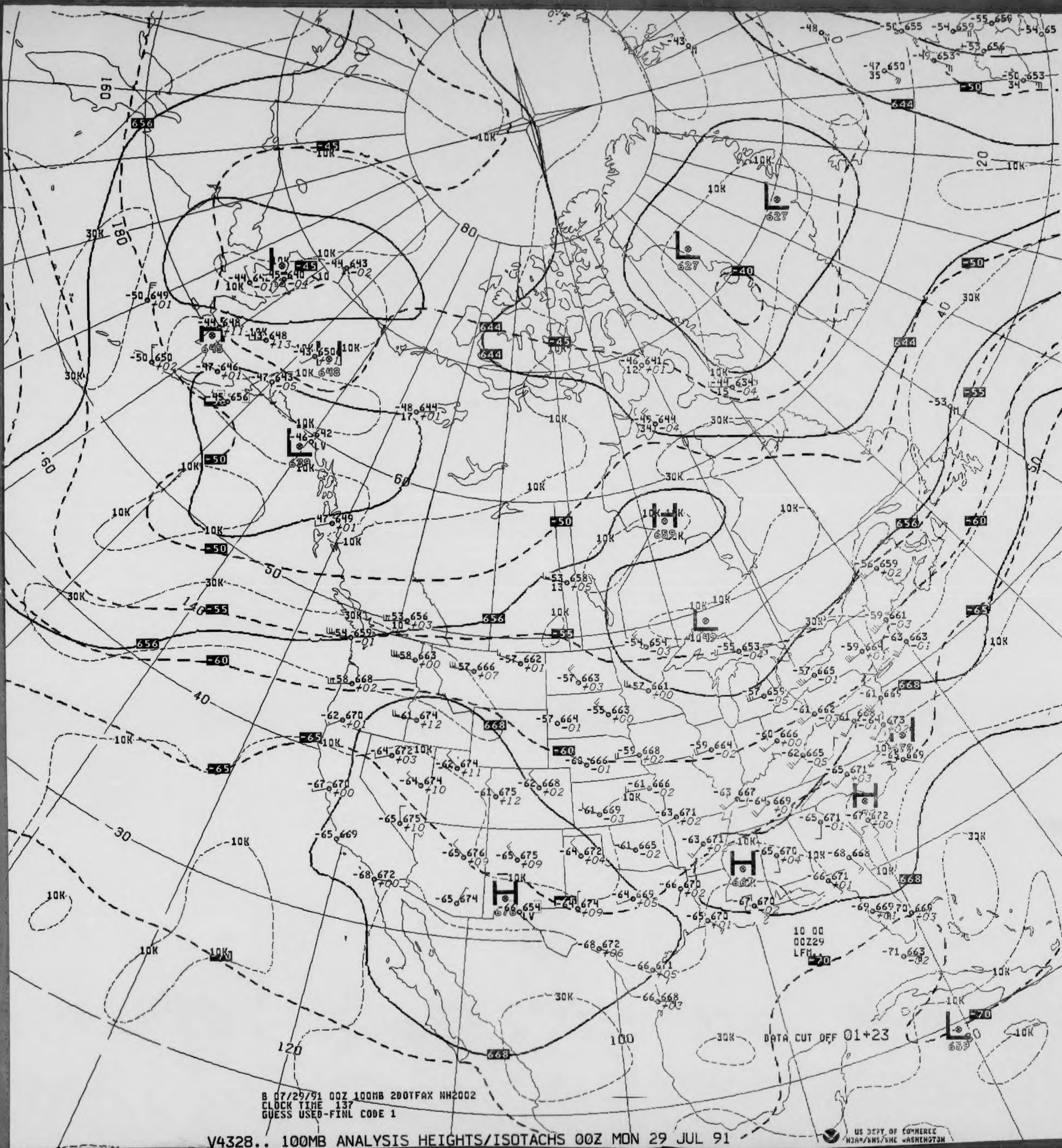
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
L
644
656
632
622
646
642
652
655
668
662
660
667
657
-45
-50
-55
-60
-65
-70
10K
30K
180
160
120
100
80
60
50
40
30
20
DATA CUT OFF 01+37
10 00
12Z28
LFM..

B 07/28/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1408
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 28 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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10K
80
-10K
20
10K
L
627
-40
-50
30K
40
644
-45
-50
30K
180
L
645
L
648
L
639
-50
60
10K
-50
50
30K
H
659
L
1049
656
-55
140
-55
656
-60
40
-65
668
-60
10K
-65
30
-70
H
678
H
662
H
668
668
30K
120
100
L
659
-70
10K
-53
-48 644 17 +01
-46 642 LV
-47 649 +01
-53 658 13 +05
-53 656 10 +03
-54 659 -01
-58 663 +00
-57 666 +07
-57 662 +01
-58 668 +02
-62 670 +01
-61 674 +12
-64 672 +03
-62 674 +11
-64 674 +10
-67 670 +00
-61 675 +12
-62 668 +02
-65 675 +10
-65 669
-65 676 +09
-65 675 +09
-68 672 +00
-65 674
-66 654 LV
-64 674 +09
-64 672 +04
-64 669 +05
-68 672 +06
-66 671 +05
-66 668 +03
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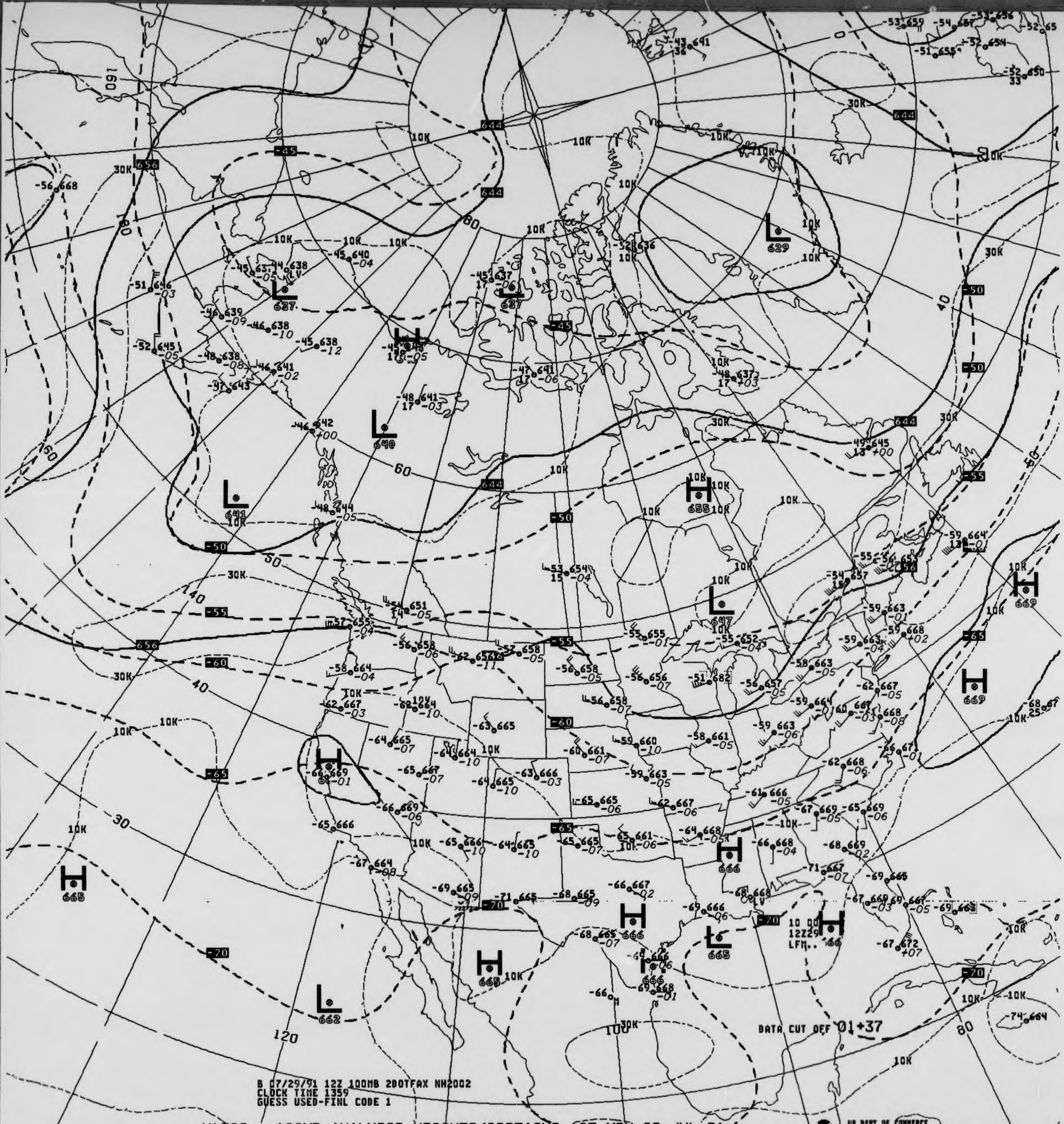
-57 664 -01
-55 663 +00
-57 661 +00
-59 668 +02
-60 666 -01
-61 666 -02
-61 669 -03
-63 671 +02
-61 665 -02
-63 671 +02
-66 670 +02
-65 670 +01
-67 670 -02
-65 670 +04
-63 667
-64 669 +01
-59 664 -02
-54 654 -03
-55 653 -04
-57 659 -05
-61 662 -03
-60 666 +00
-62 665 -05
-65 671 +03
-65 671 -01
-67 672 +00
-68 668
-66 671 +01
-69 669 +01
-70 669 +03
-71 663 -02
-57 665 -01
-61 669
-59 664 +01
-63 663 -01
-59 661 -03
-56 659 +02
-46 641 12 +01
-45 644 34 -04
-44 634 -15 -04
-47 650 35
-50 655
-54 659
-55 650
-54 65
-53 656
-49 653
-50 653 34
-48
-43
-50 649 +01
-50 650 +02
-47 646 +01
-47 643 -05
-45 656
-44 648 +11
-43 648 +13
-43 650 +01
-44 643 -02
-45 640 -04
10 00
00Z29
LFM
DATA CUT OFF 01+23

B 07/29/91 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 137
GUESS USED-FINL CODE 1

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 29 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


644
656
-45
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-55
-60
-65
-70
30K
10K
160
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60
50
40
30
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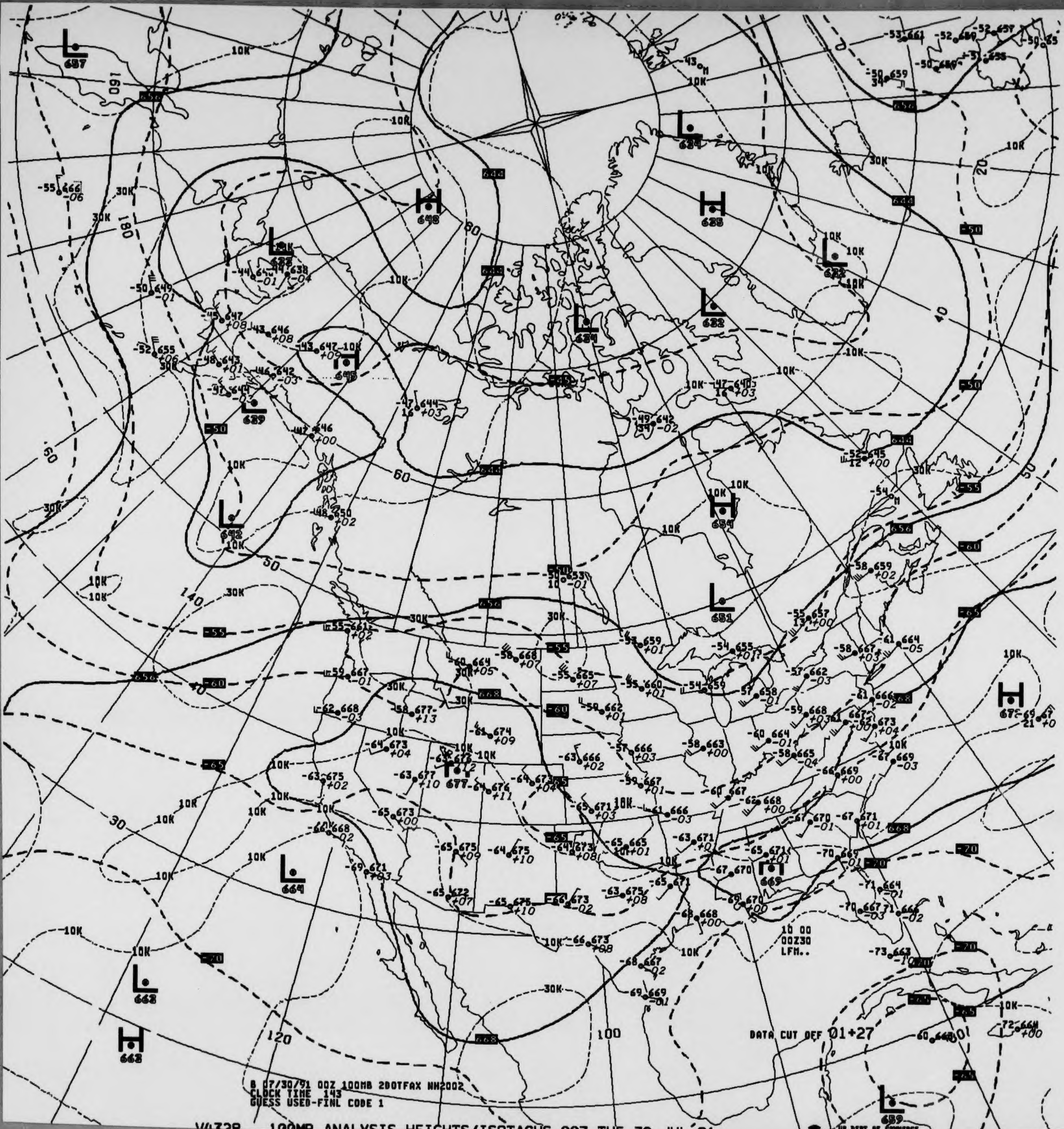
120
100
L 637
L 627
L 629
L 640
L 641
L 647
L 662
L 665
H 655
H 669
H 665
H 666
H 663
10 00
12Z29
LFM..

B 07/29/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1359
GUESS USED-FINL CODE 1

DATA CUT OFF 01+37

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 29 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


DATA CUT OFF 01+27
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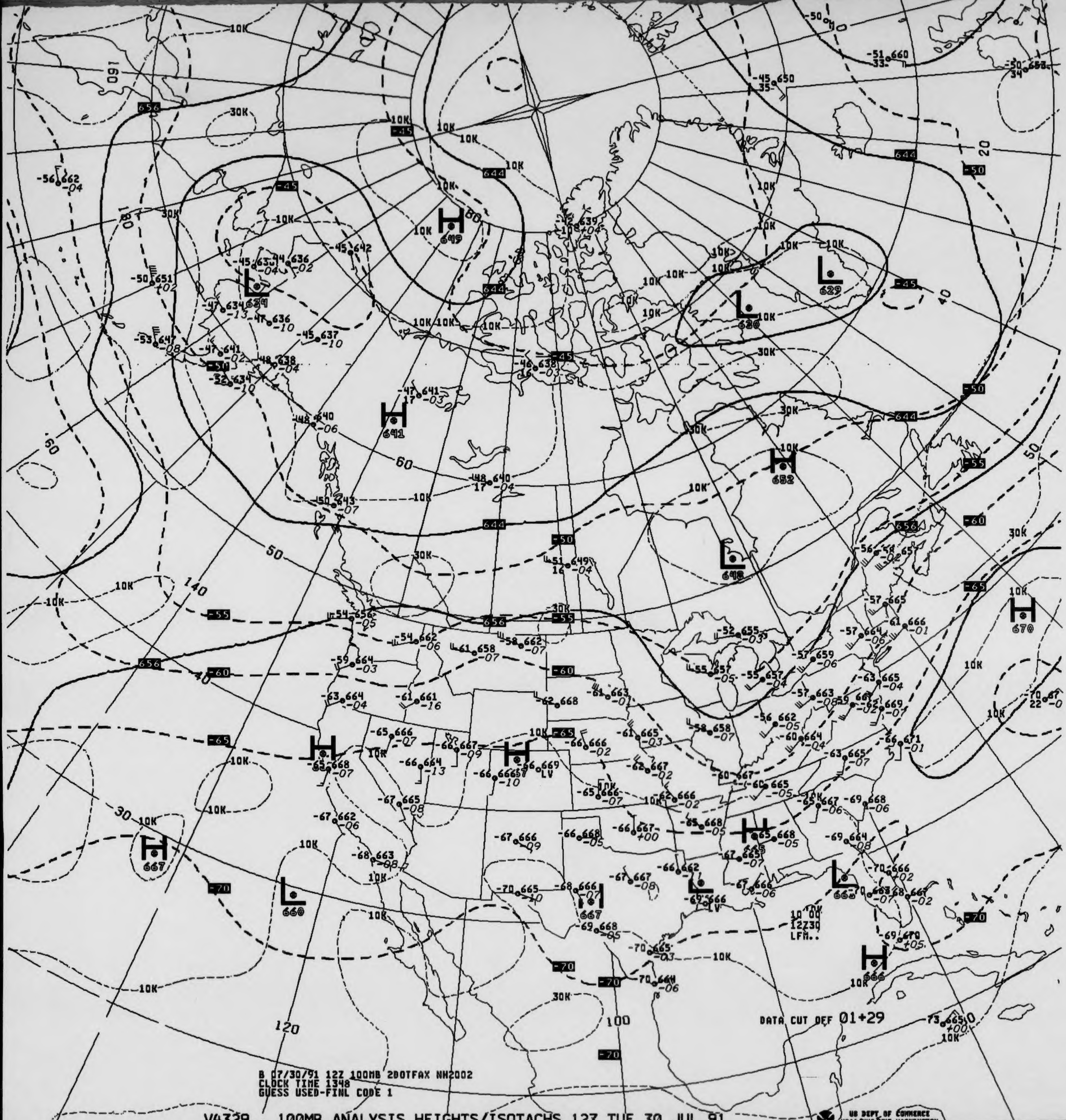
00Z30
LFM..
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

8 07/30/91 00Z 100MB 2DOTFAX NH2002
CLOCK TIME 143
GUESS USED-FINL CODE 1

V4328 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 30 JUL 91



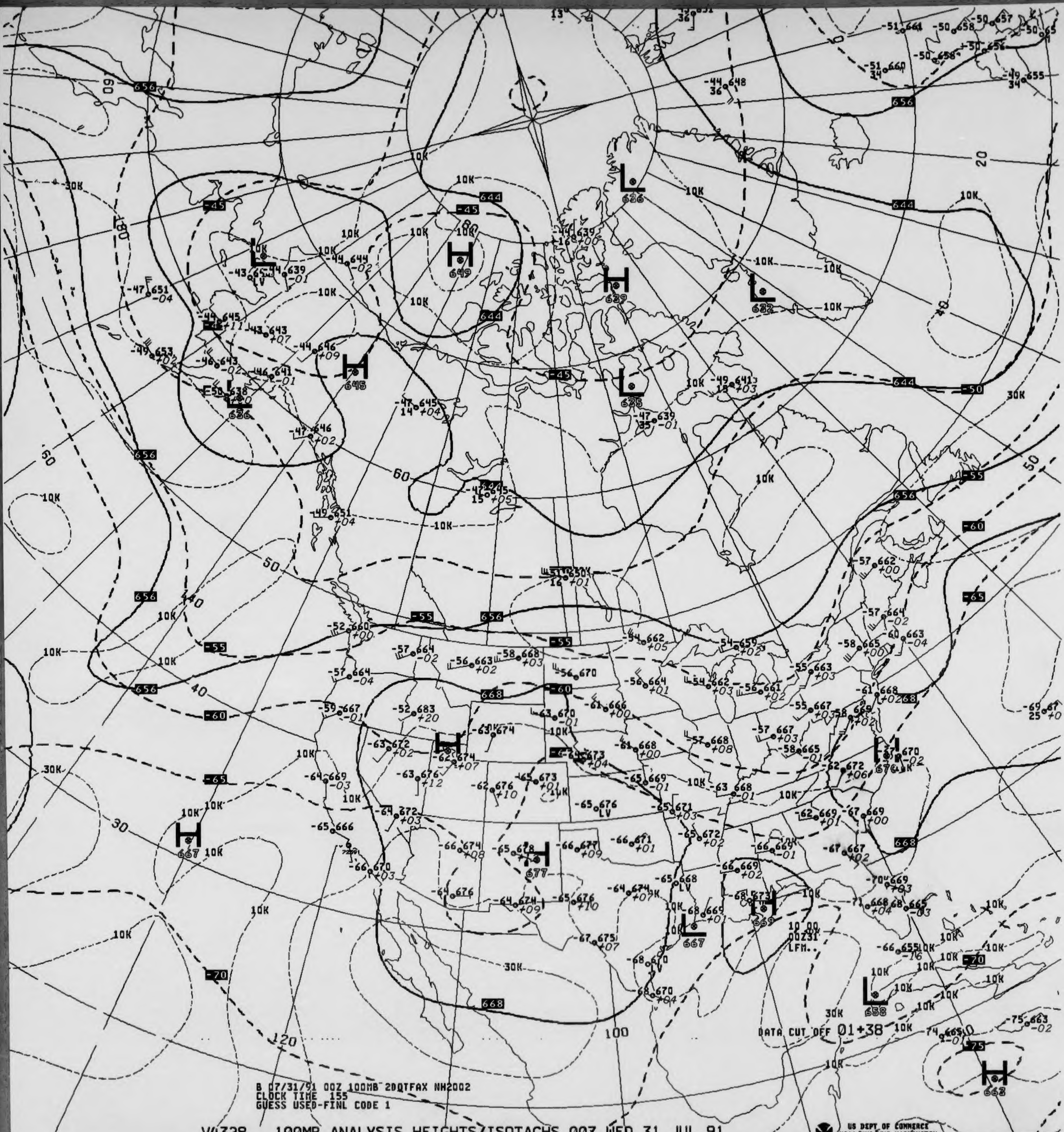
H 649
L 634
H 641
L 630
L 629
H 652
L 648
H 670
H 667
L 660
H 667
L 666
H 666
644
656
-45
-50
-55
-60
-65
-70
10K
30K
160
180
140
120
100
80
60
40
20
50
40
30
10 00
12Z30
LFM..

DATA CUT OFF 01+29

B 07/30/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1348
GUESS USED-FINL CODE 1

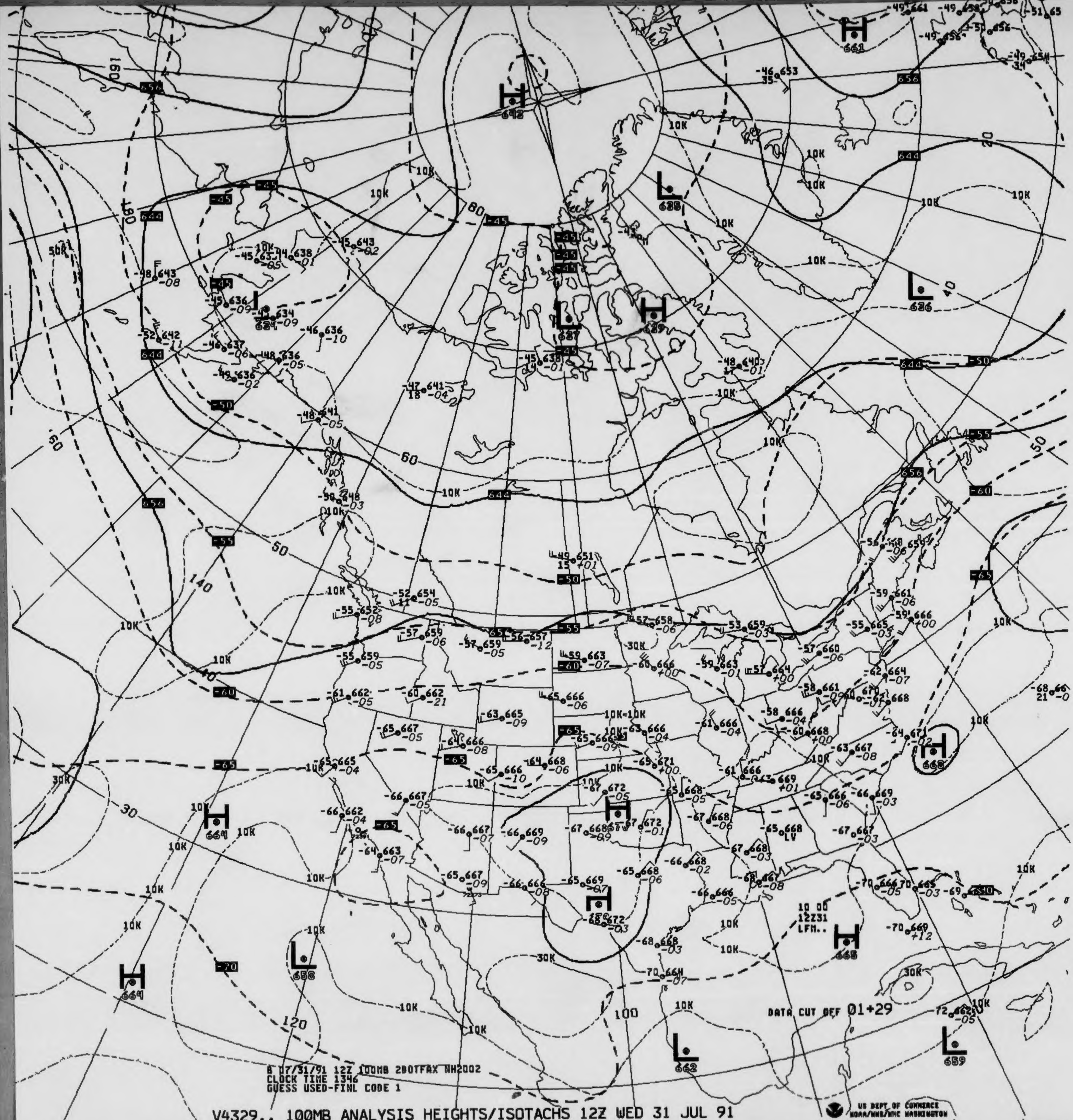
V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 30 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



656
644
668
-45
-50
-55
-60
-65
-70
-75
10K
30K
H 649
H 639
H 645
H 667
H 677
H 669
H 663
L 626
L 632
L 625
L 636
L 667
L 658
60
50
40
30
20
180
160
140
120
100
DATA CUT OFF 01+38
10 00
00Z31
LFM..
B 07/31/91 00Z 100MB 20QTFAX NH2002
CLOCK TIME 155
GUESS USED-FINL CODE 1
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V4328.. 100MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 31 JUL 91


DATA CUT OFF 01+29
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12Z31
LFM..

8 07/31/91 12Z 100MB 2DOTFAX NH2002
CLOCK TIME 1346
GUESS USED-FINL CODE 1

V4329.. 100MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 31 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

Rev. 8- 83)

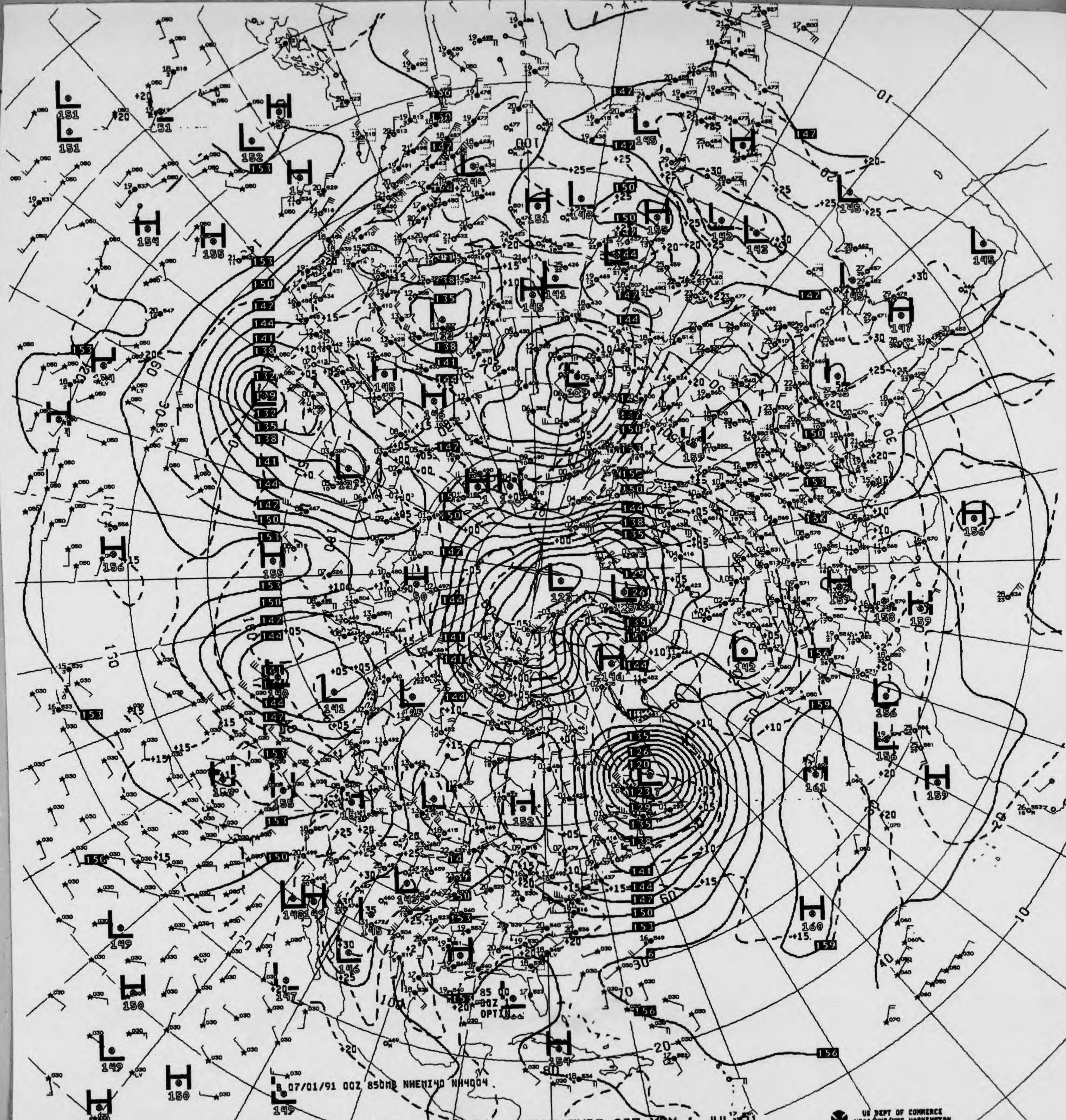
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information :
National Climatic Data Center

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

850 MB CONSTANT PRESSURE CHARTS

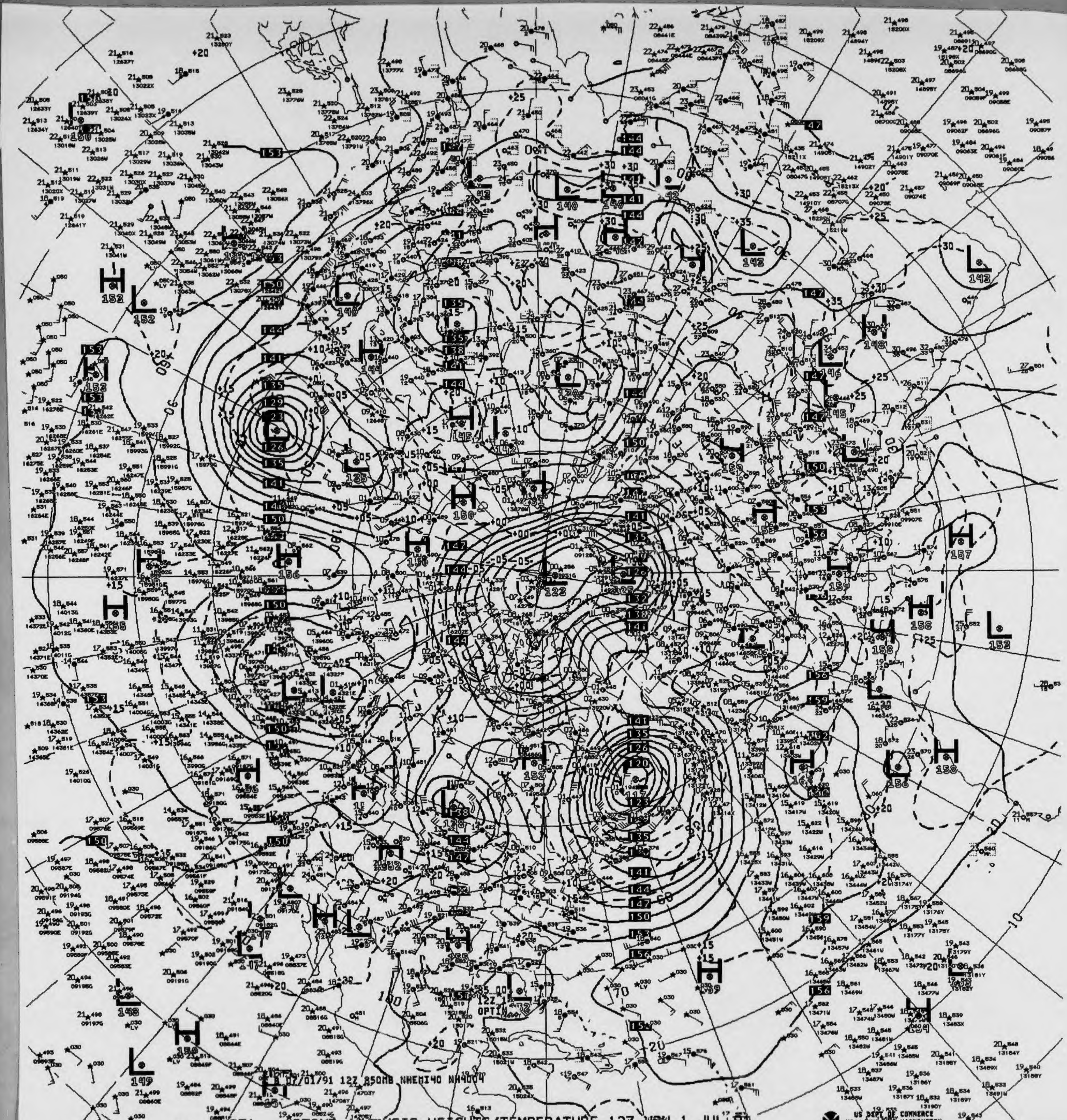
NORTHERN HEMISPHERE NWP

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING

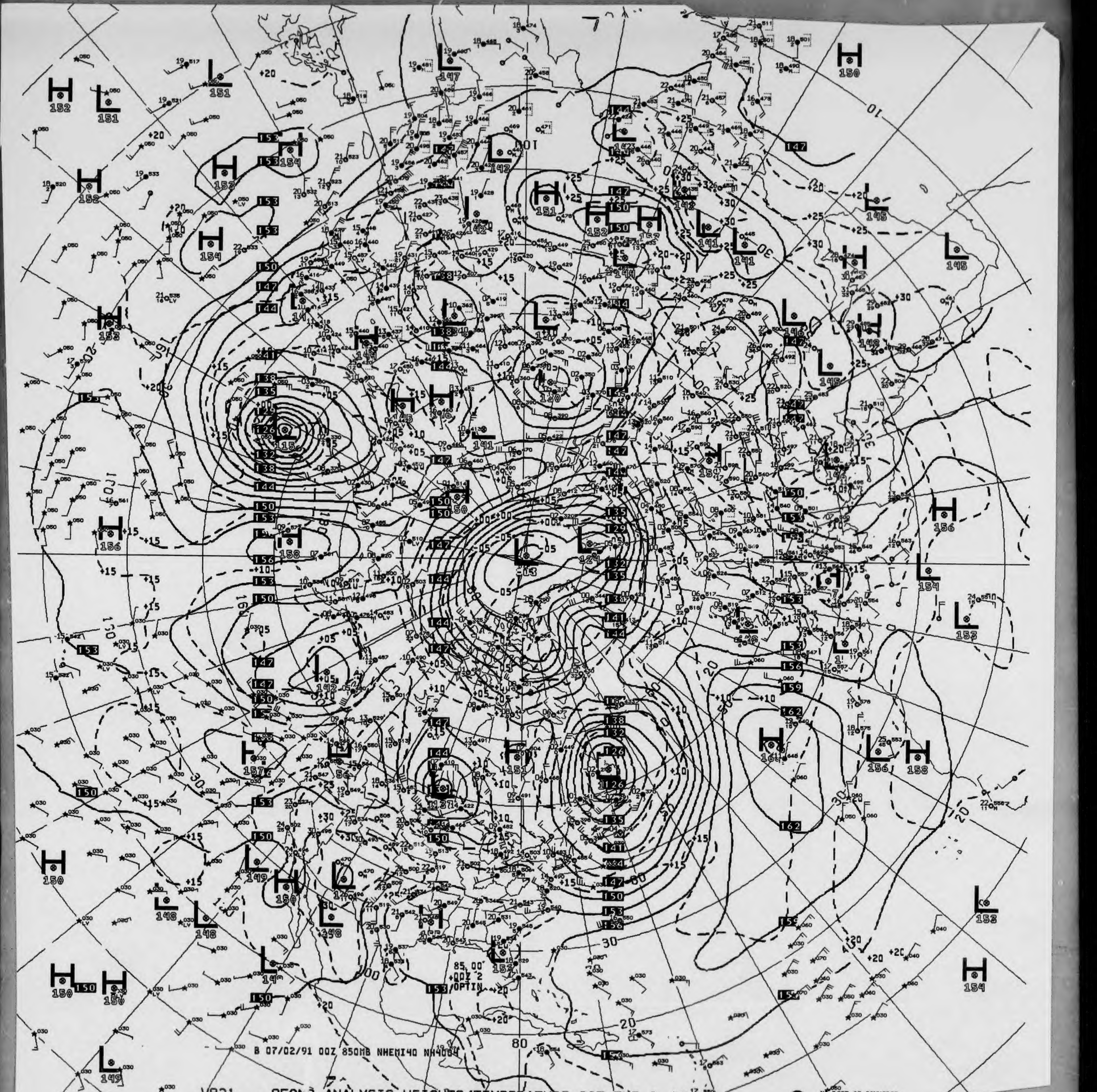

B 07/01/91 00Z 850MB NHEMI40 NH4004
85 00
00Z
OPTIN

V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 1 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


07/01/91 12Z 850MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V871 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 1 JUL 91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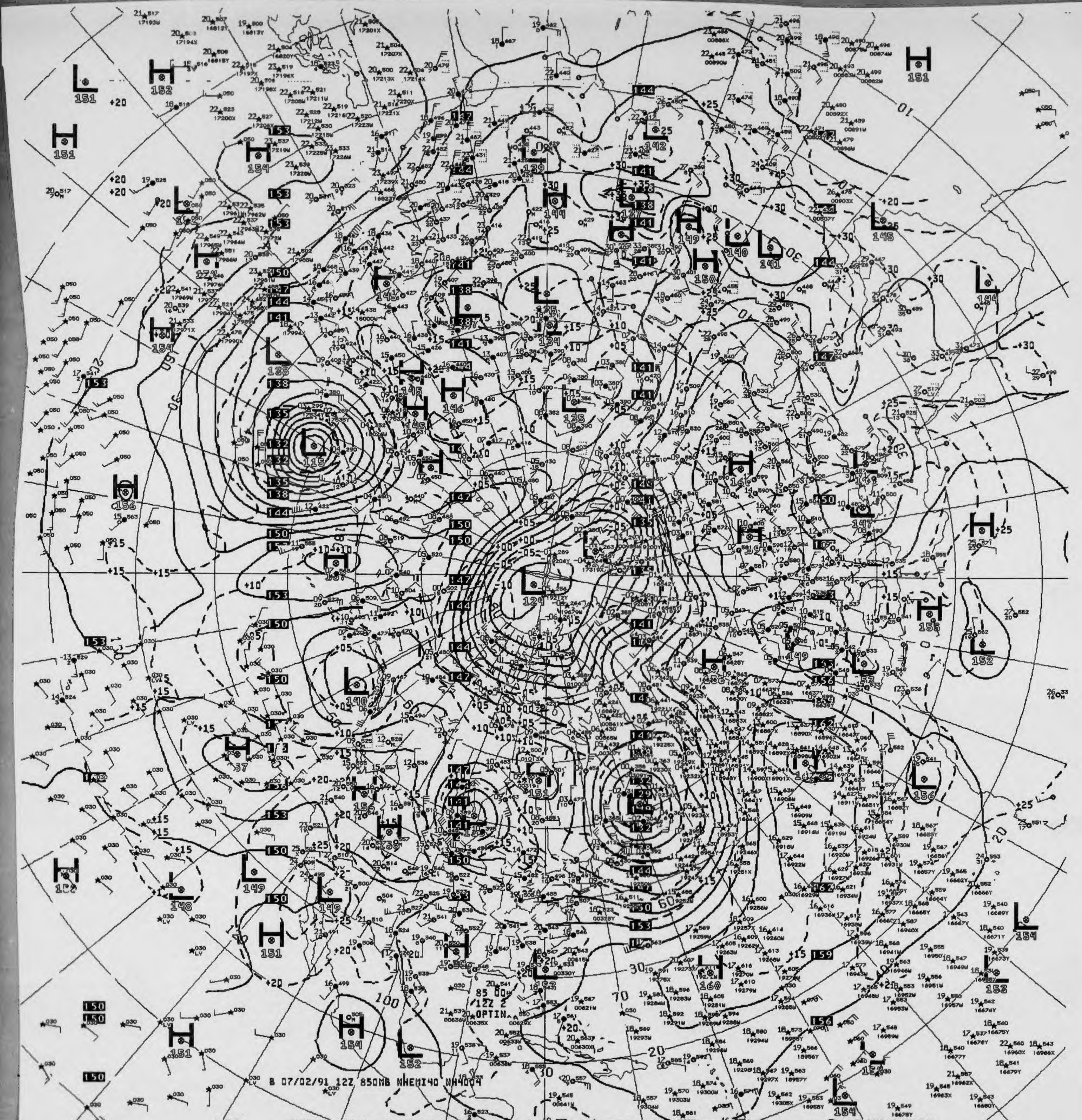
V821 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 2 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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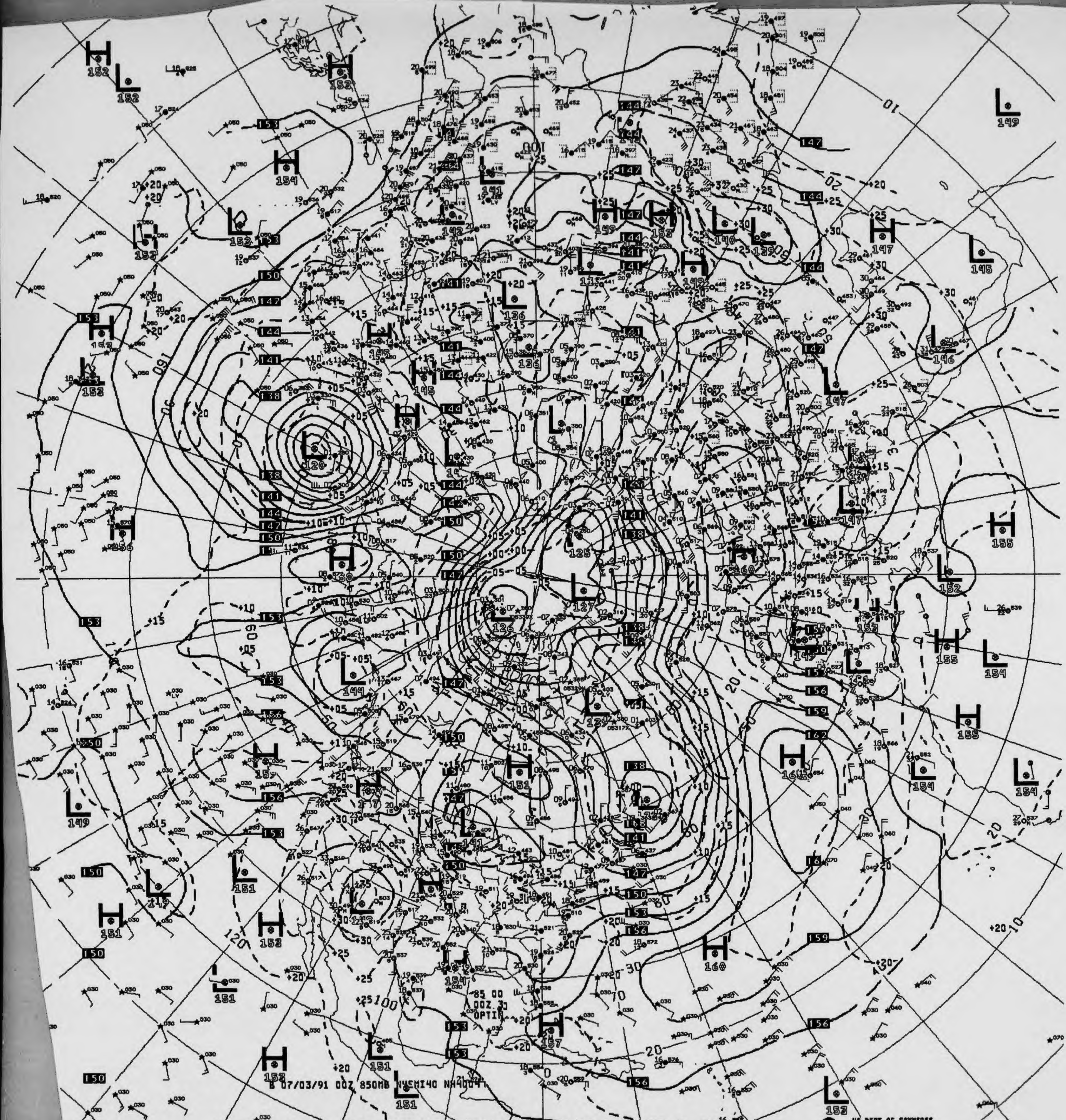
V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 2 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z 3
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L 152
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H 154
L 153
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H 149
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L 139
H 147
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L 145
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H 155
L 152
L 125
L 127
L 126
H 160
L 144
H 151
L 149
H 155
L 154
H 153
L 151
H 154
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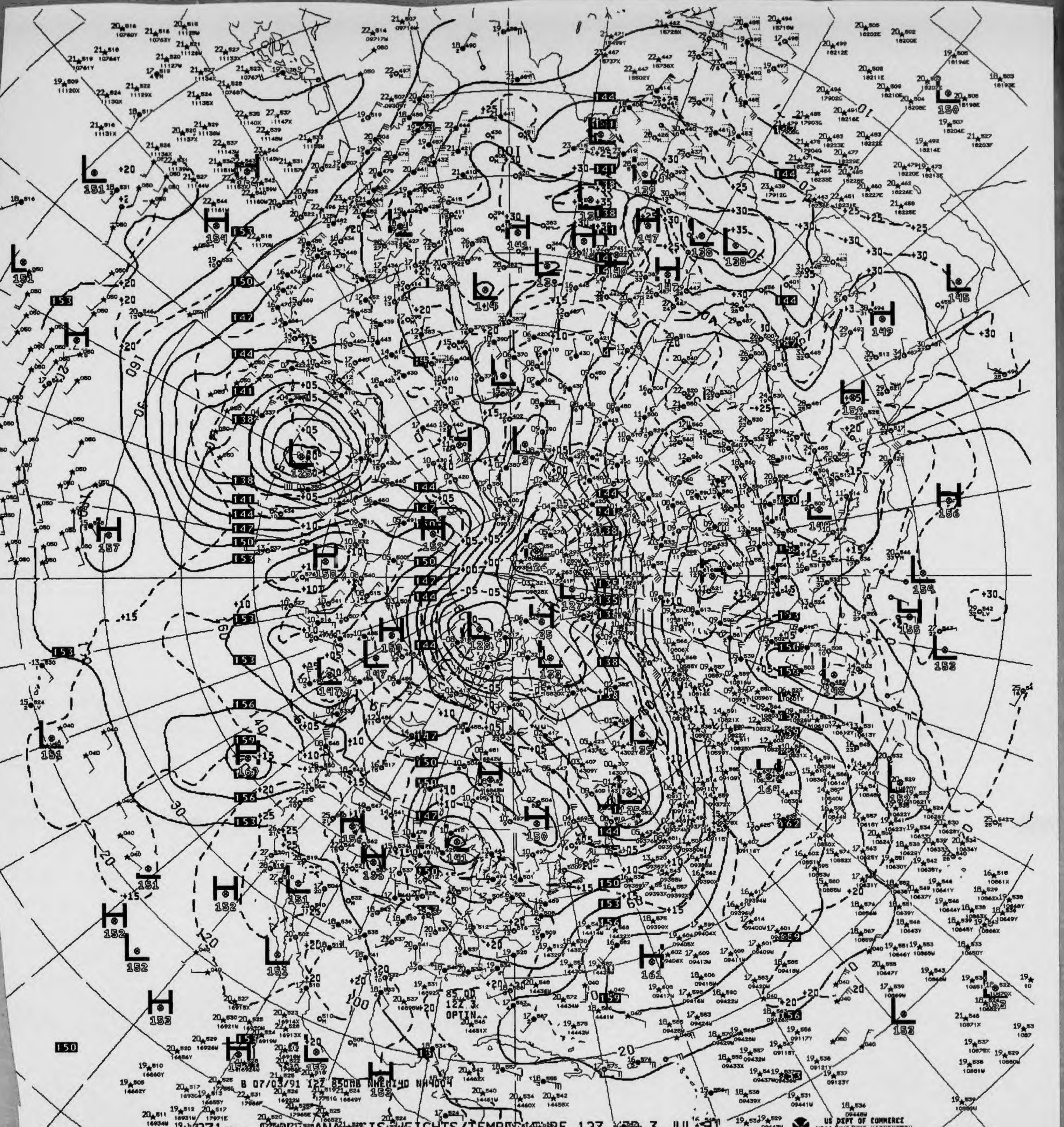
L 151
L 153

V821 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 3 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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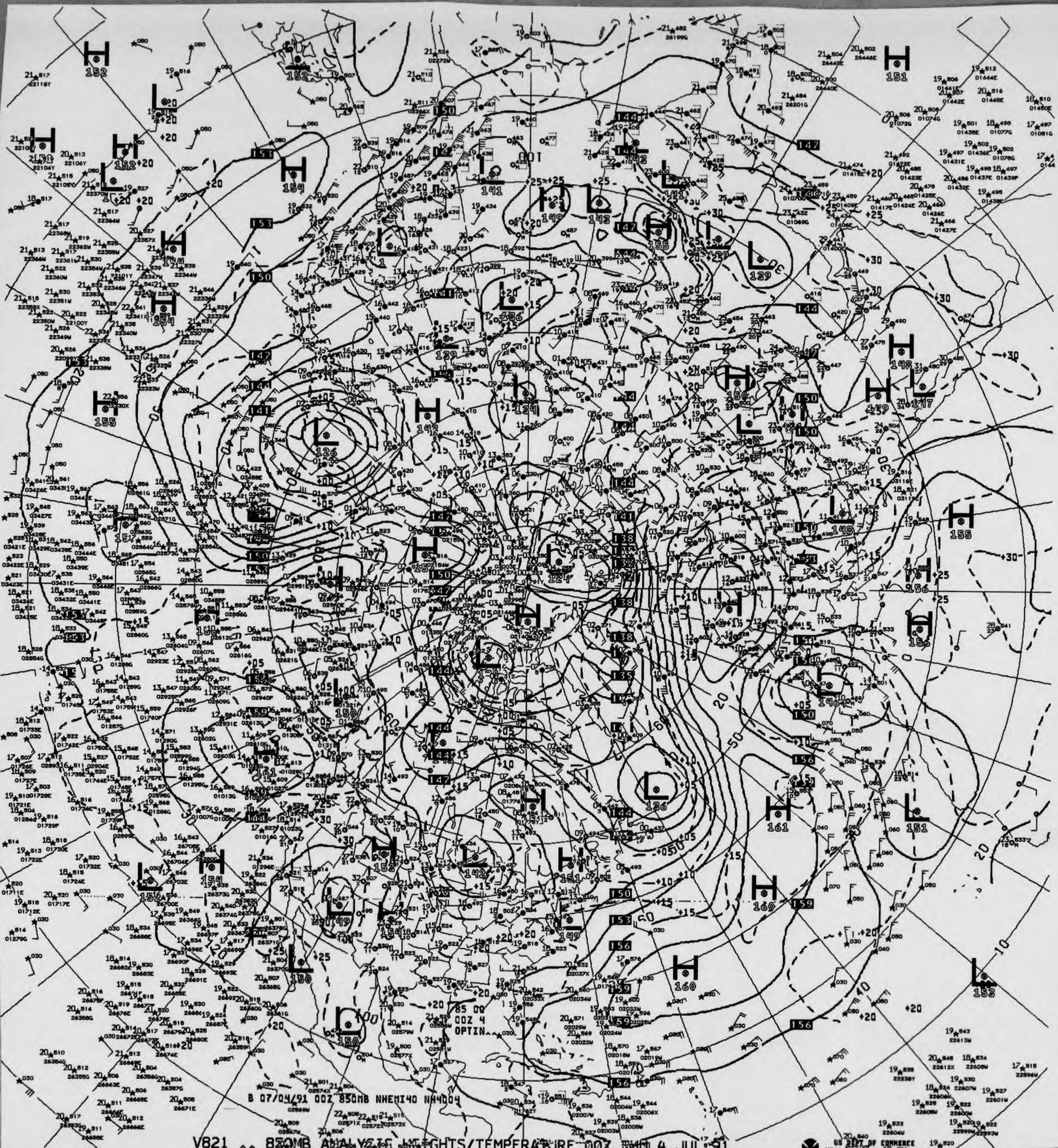
OPTIN

VB71 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 3 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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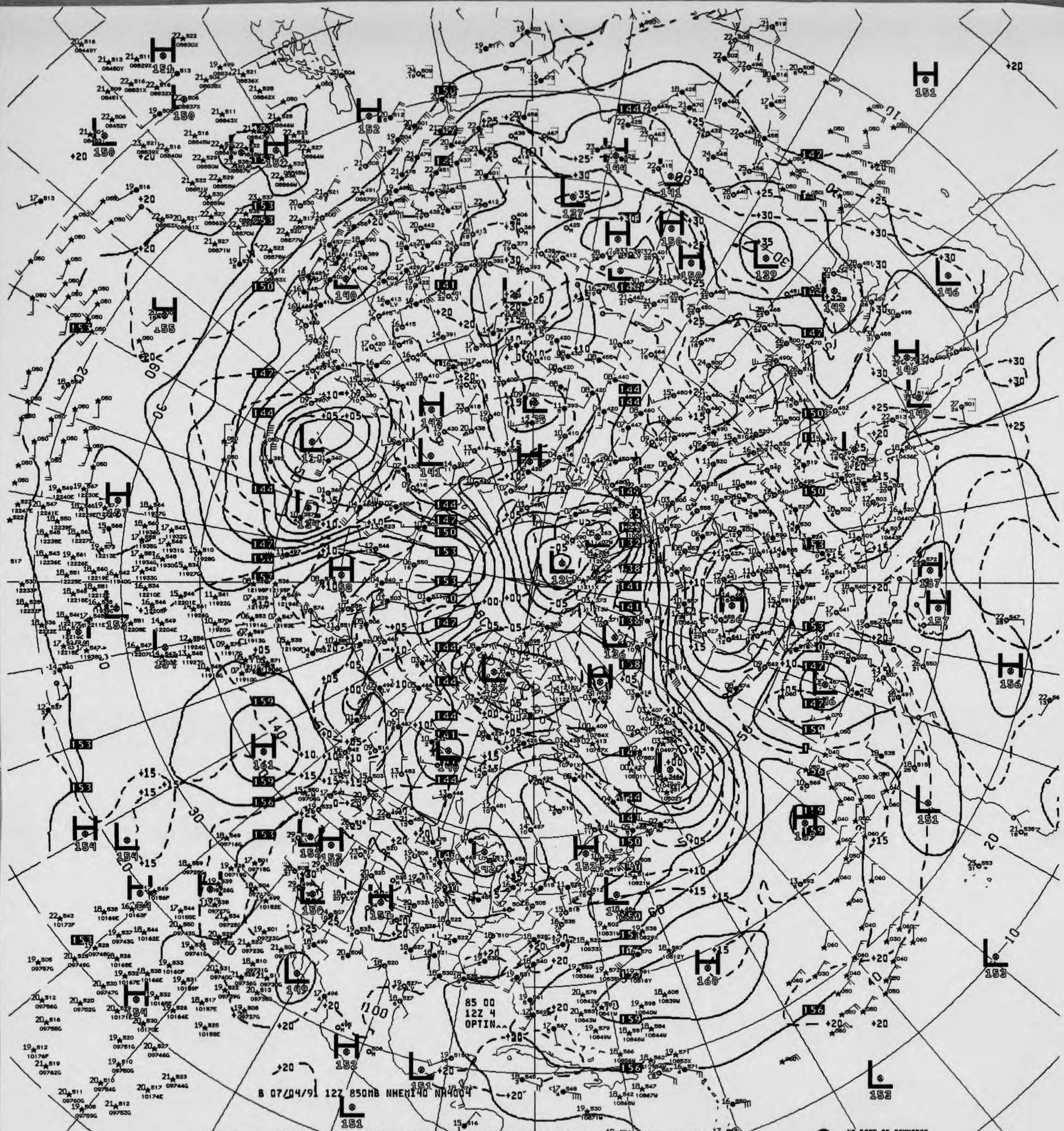
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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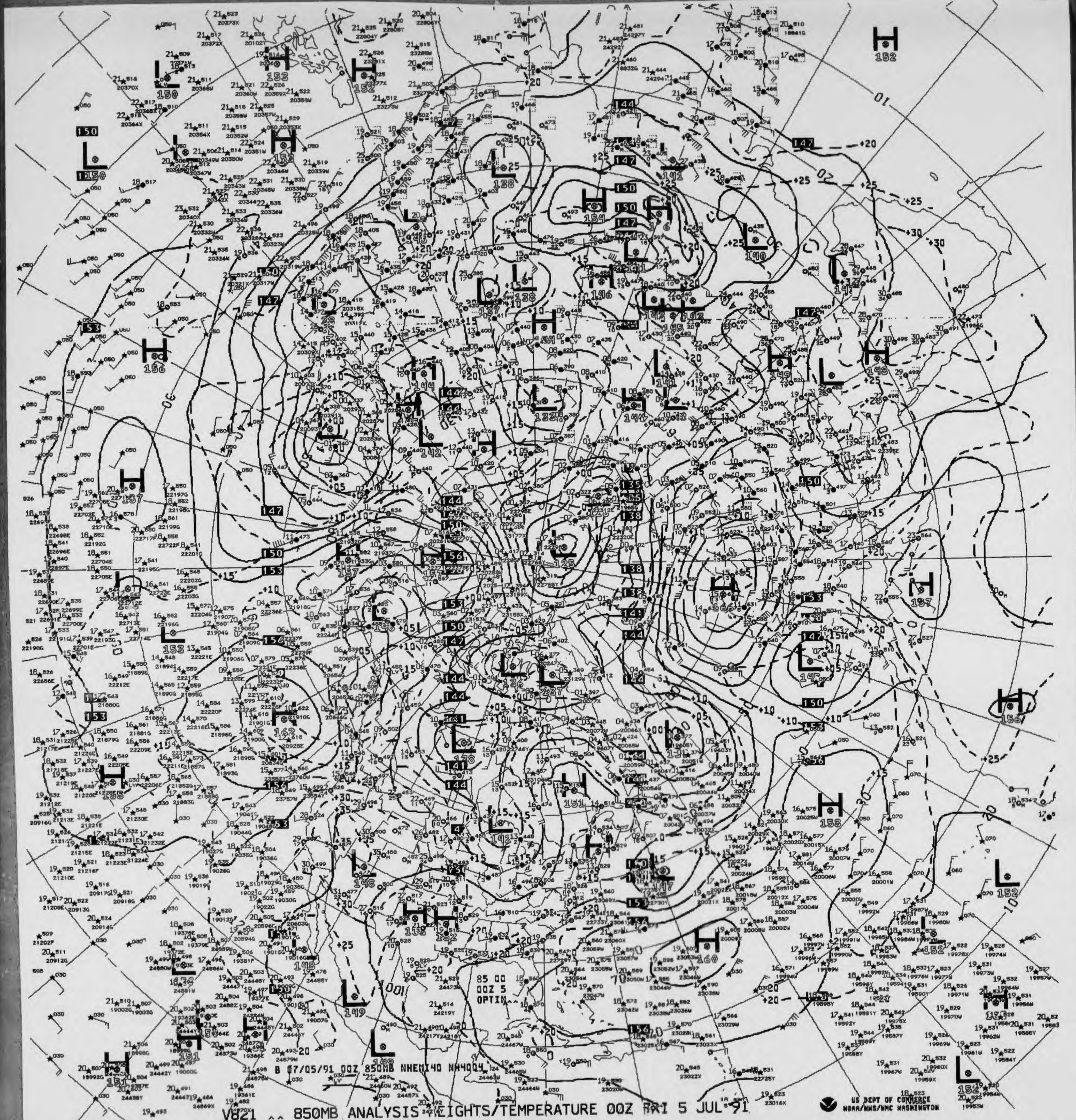
V871 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 4 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z 5
OPTIN
H
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152
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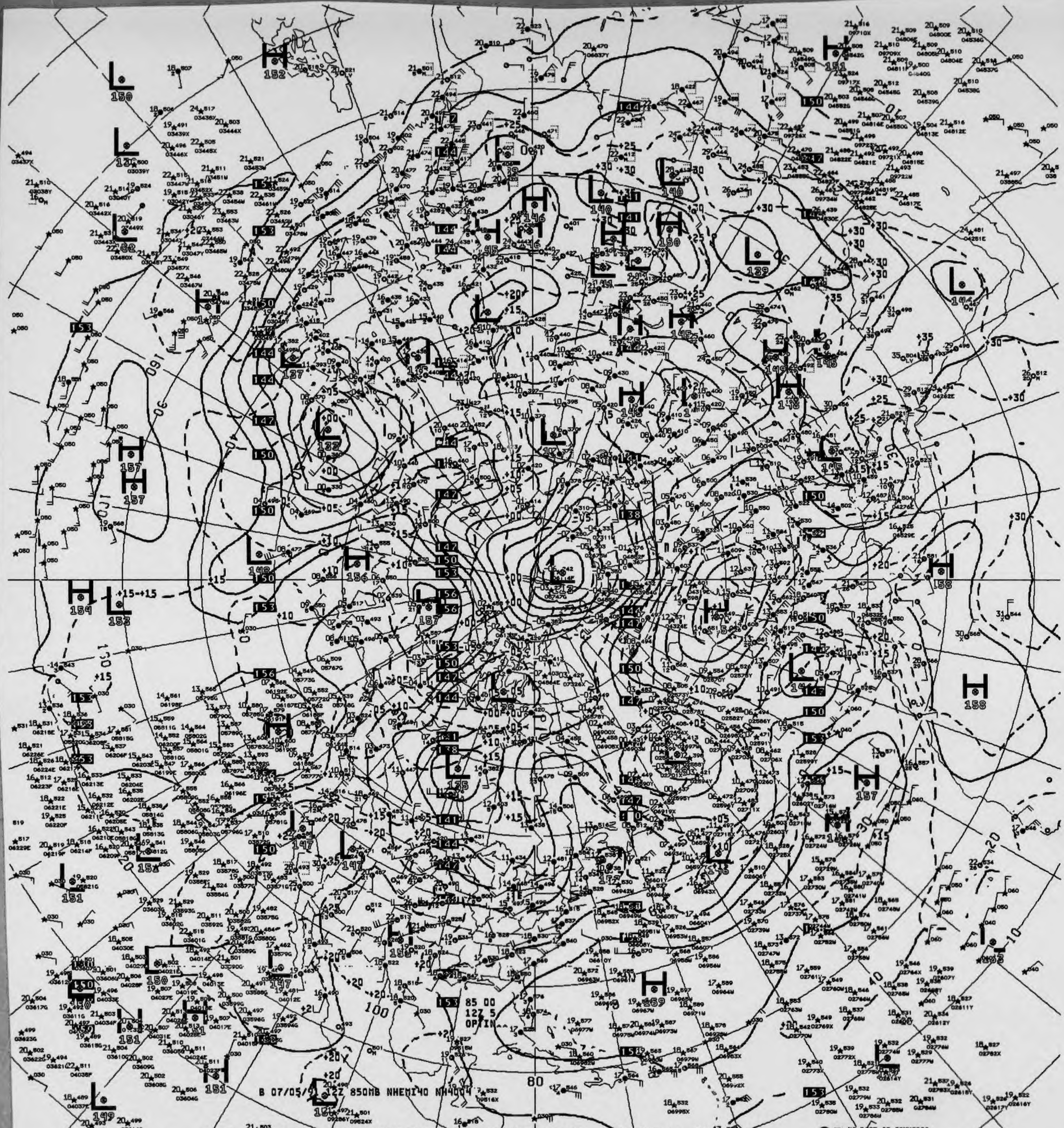
V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 5 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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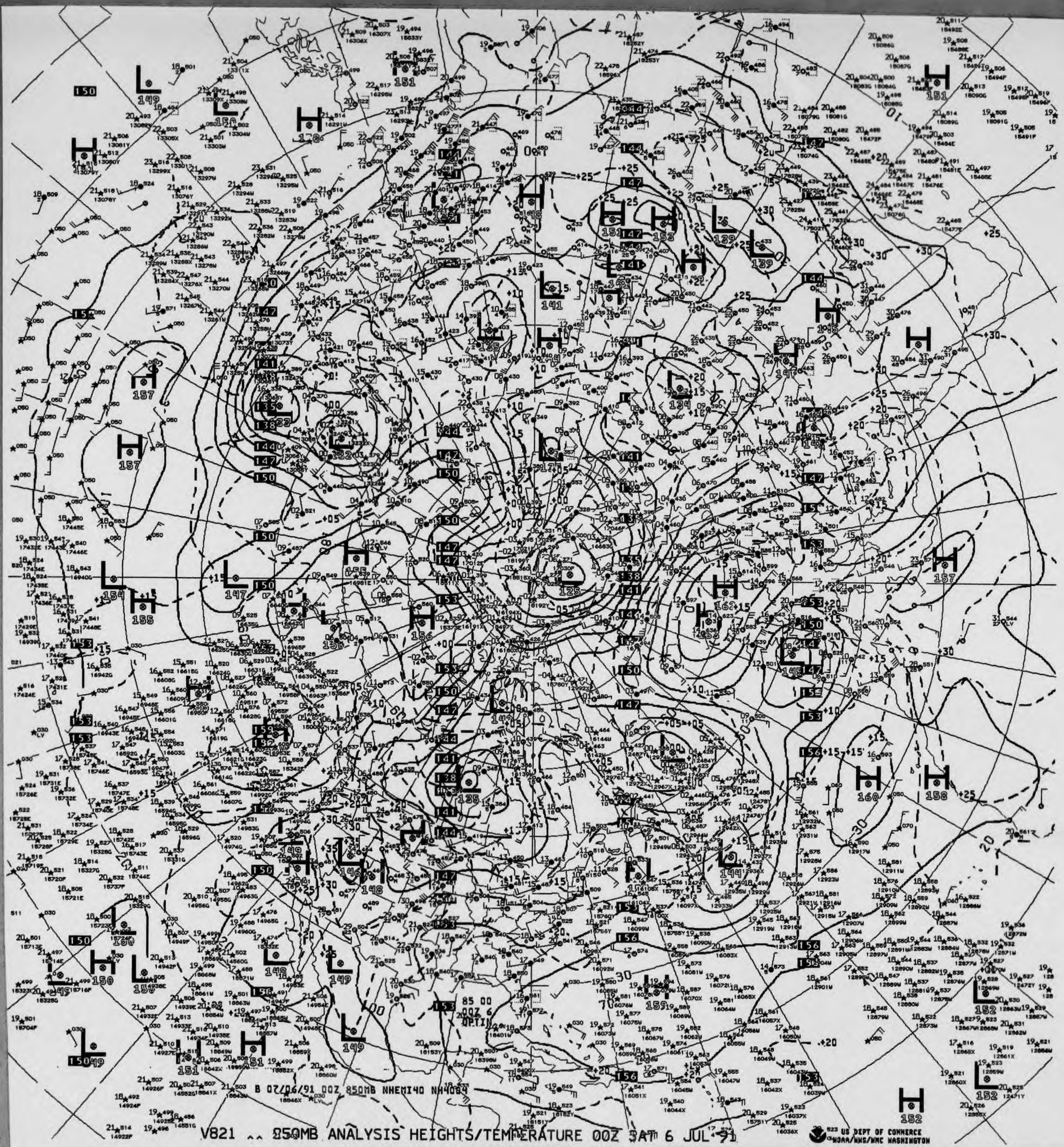
V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 5 JUL 91

US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON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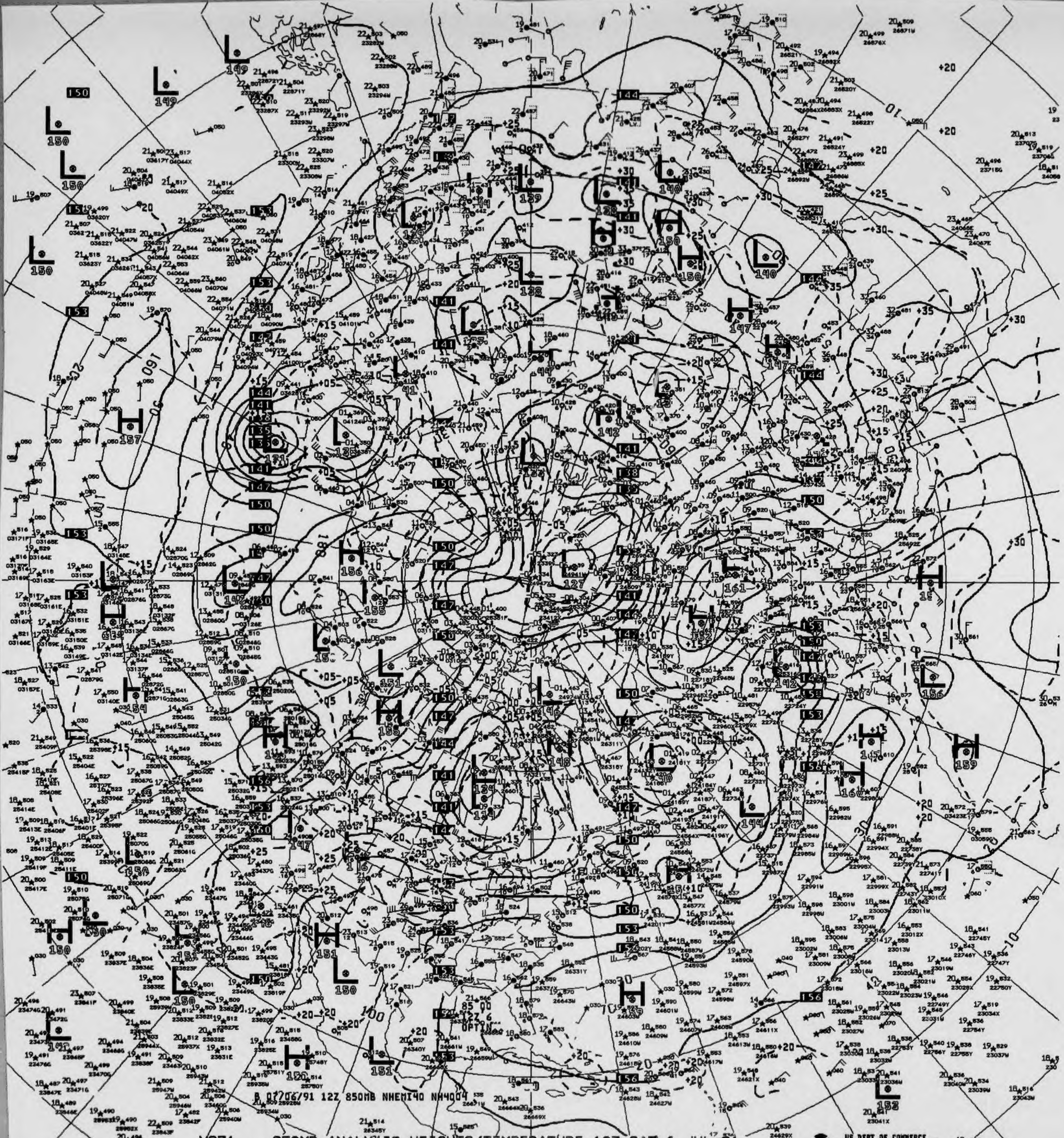
V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 6 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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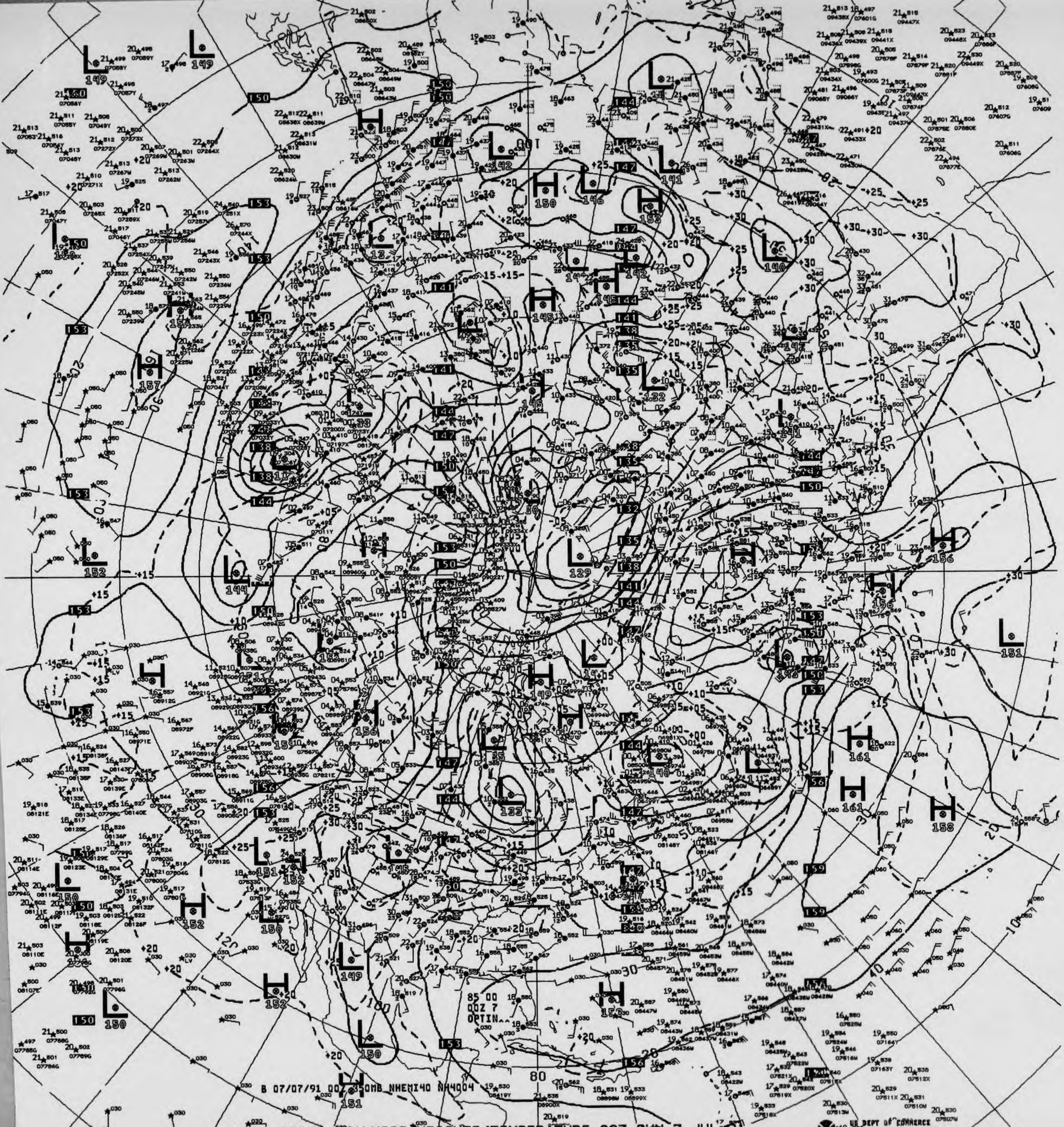
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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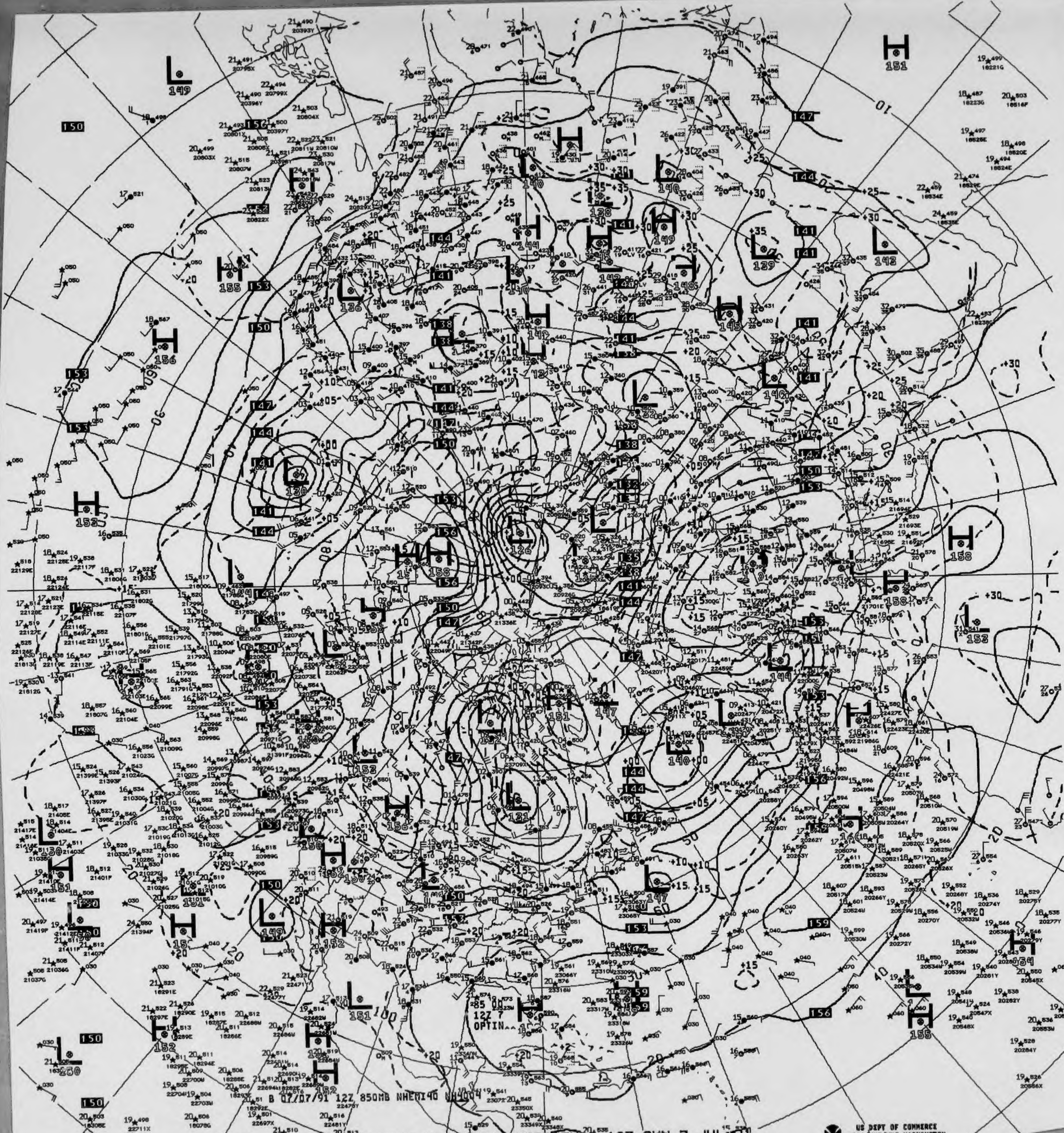
821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 7 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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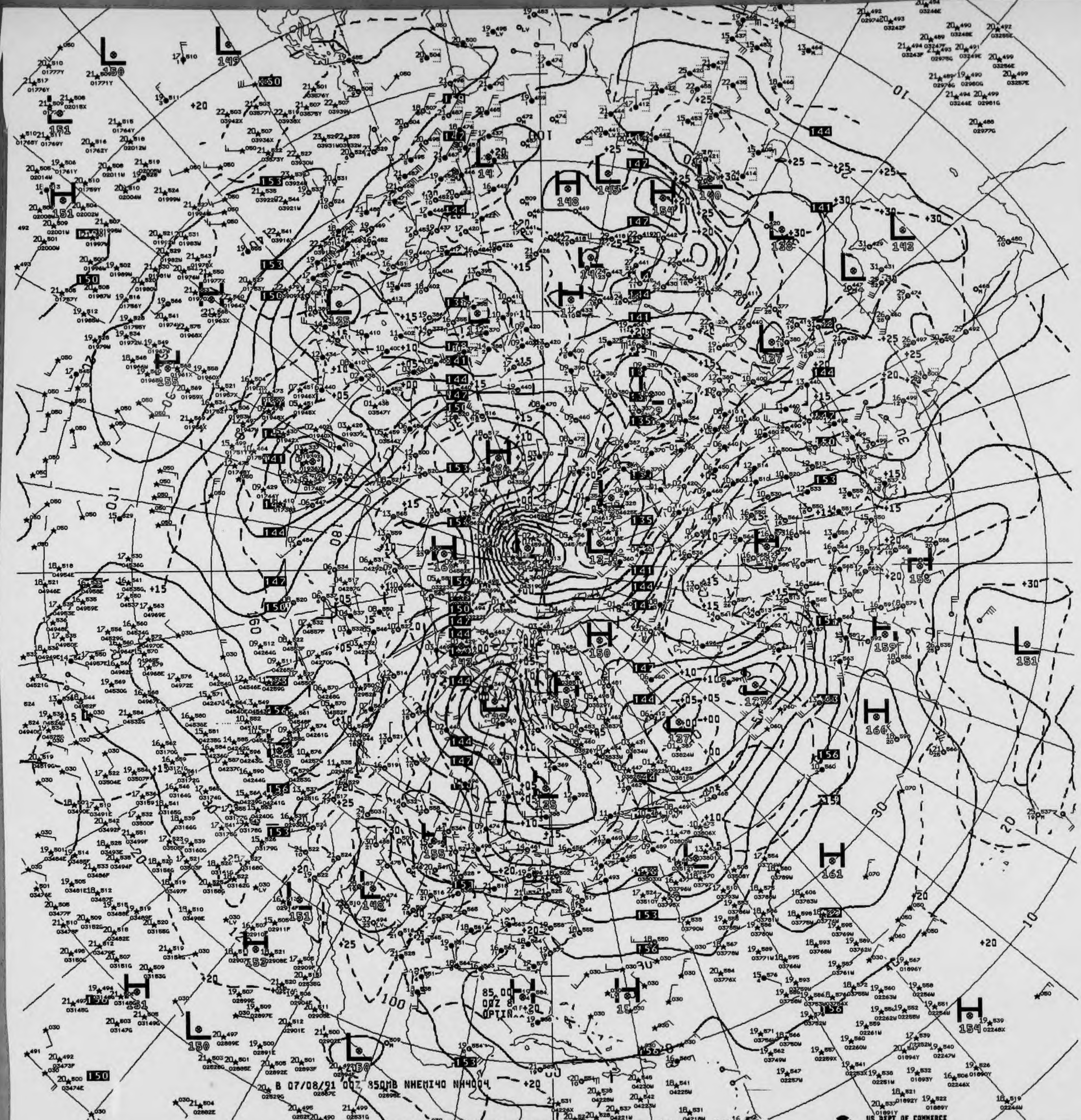
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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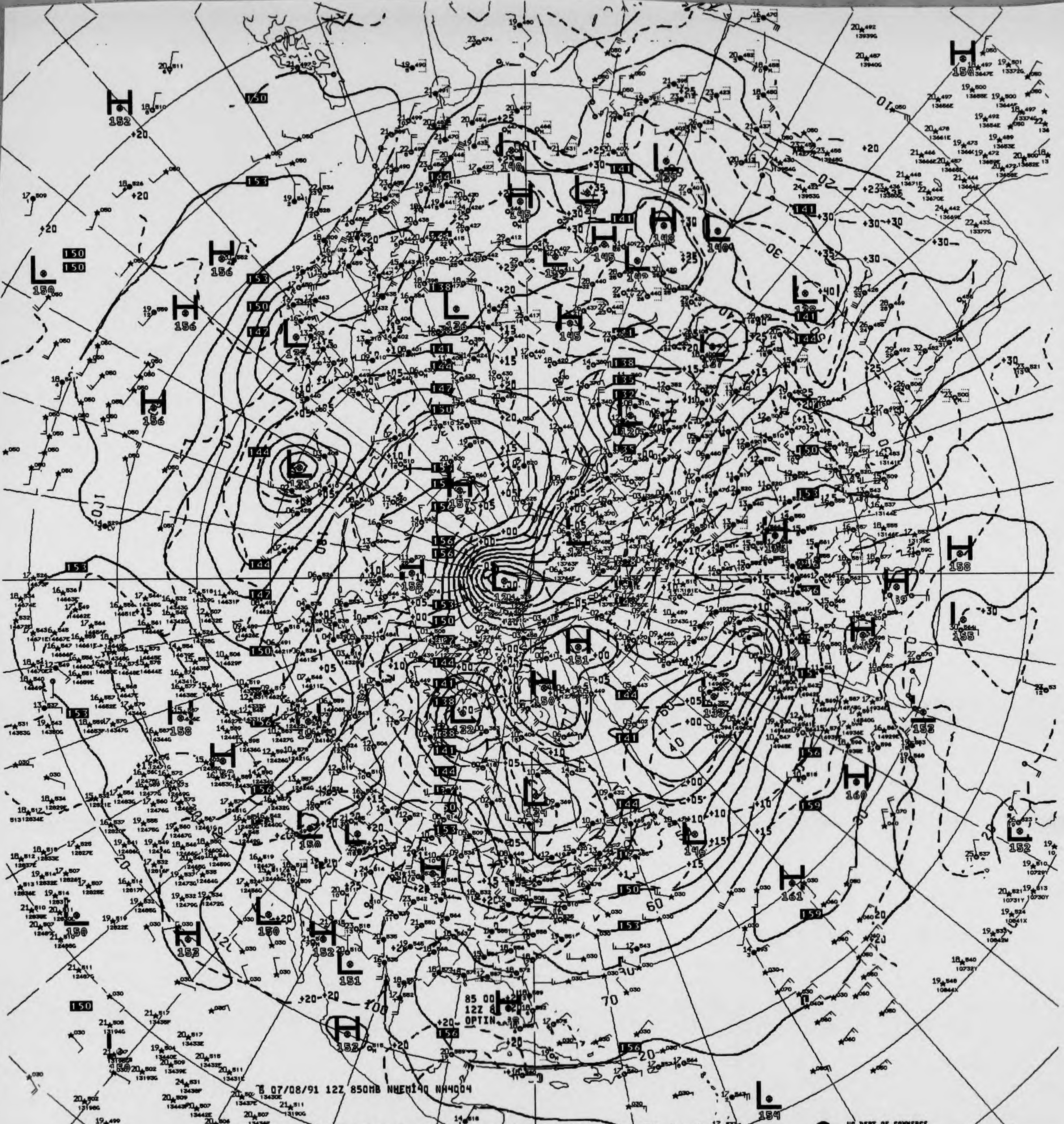
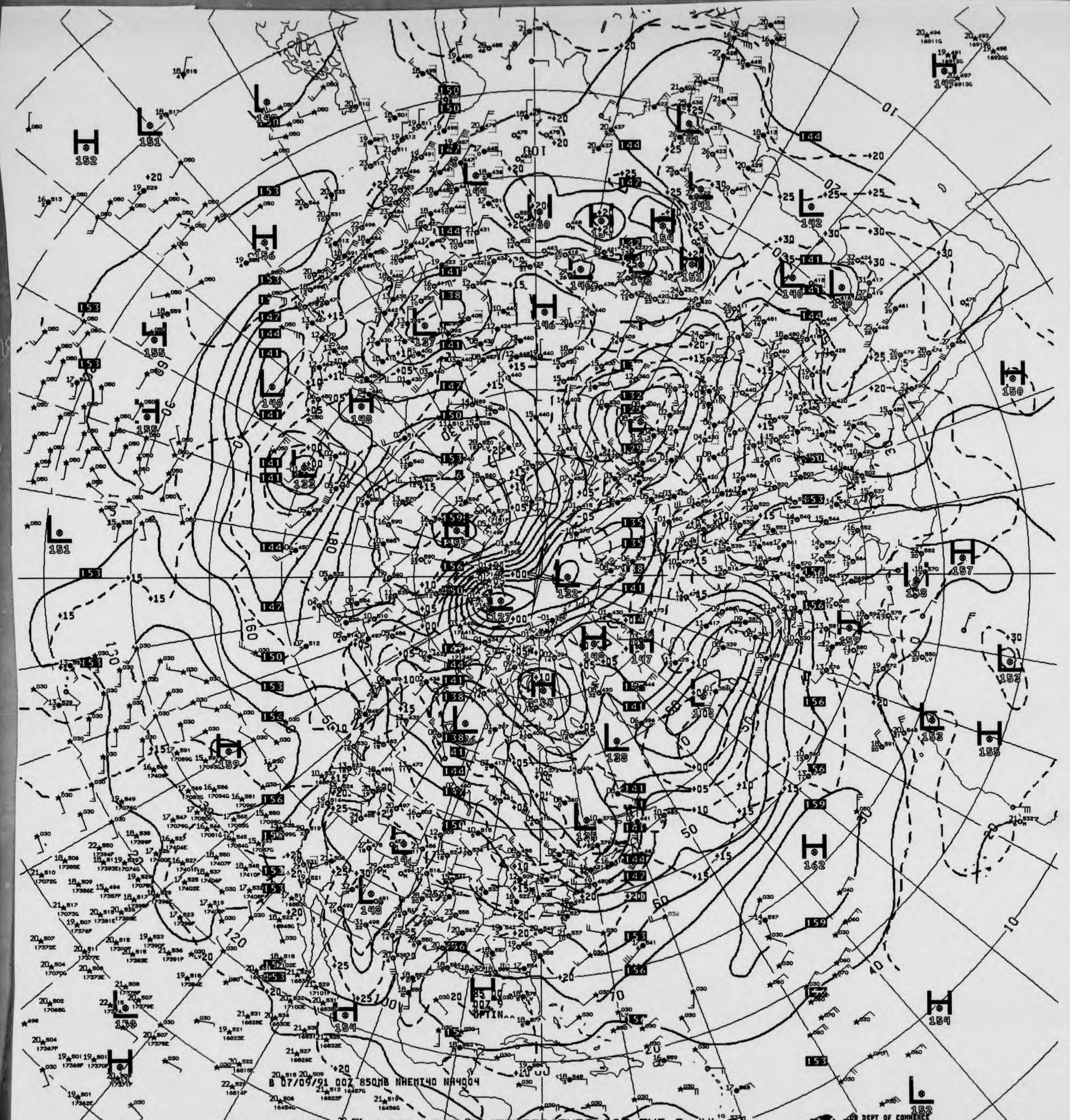
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 8 JUL 91


8 07/08/91 12Z 850MB NHEMI40 NH4004
85 00
12Z
OPTIN
H
L
152
156
150
121
124
161
160
159
+20
+30
+10
+15
+05
+00

V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 8 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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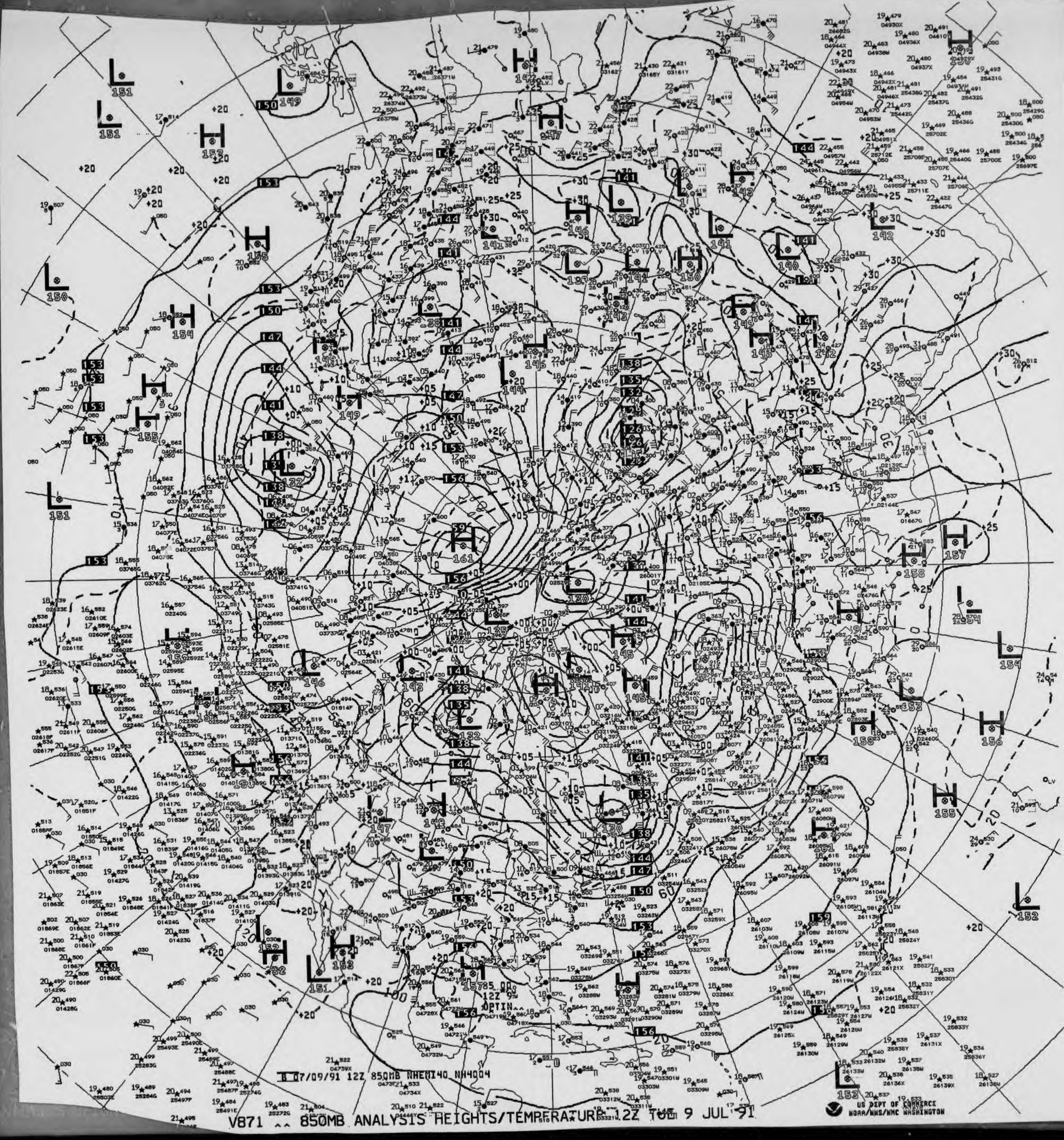
V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 9 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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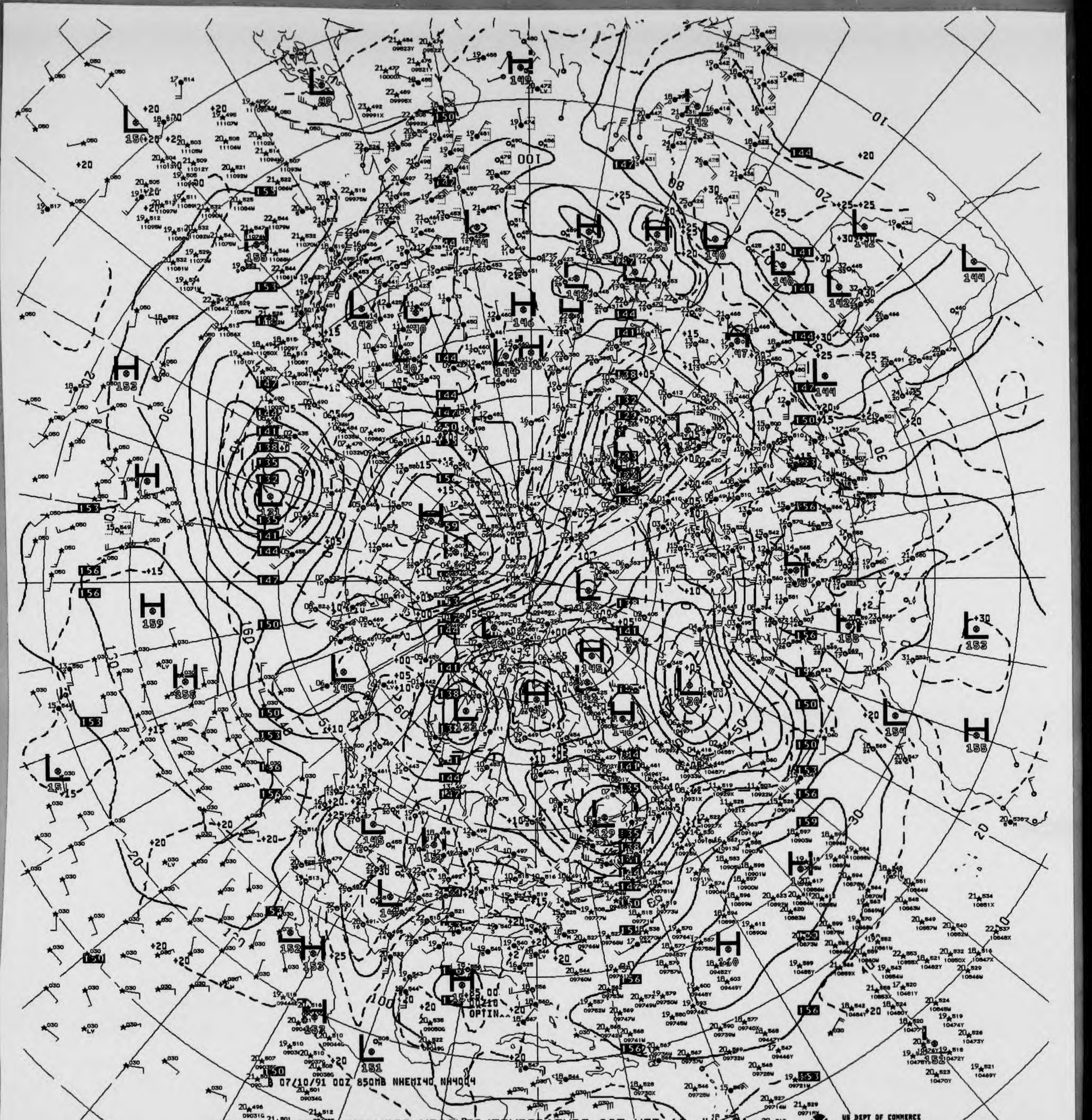
12Z
OPTIN

V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 9 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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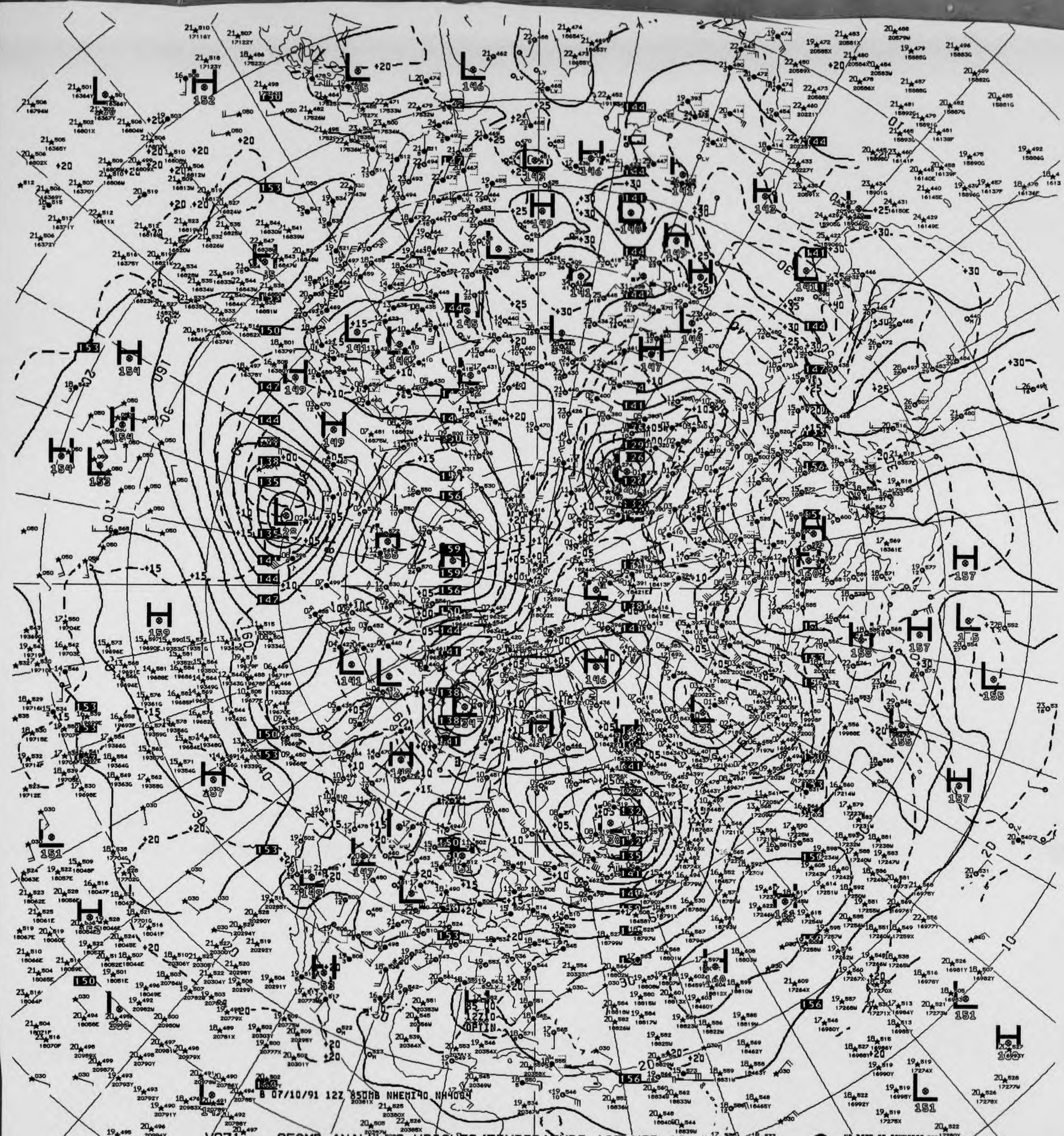
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 10 JUL 91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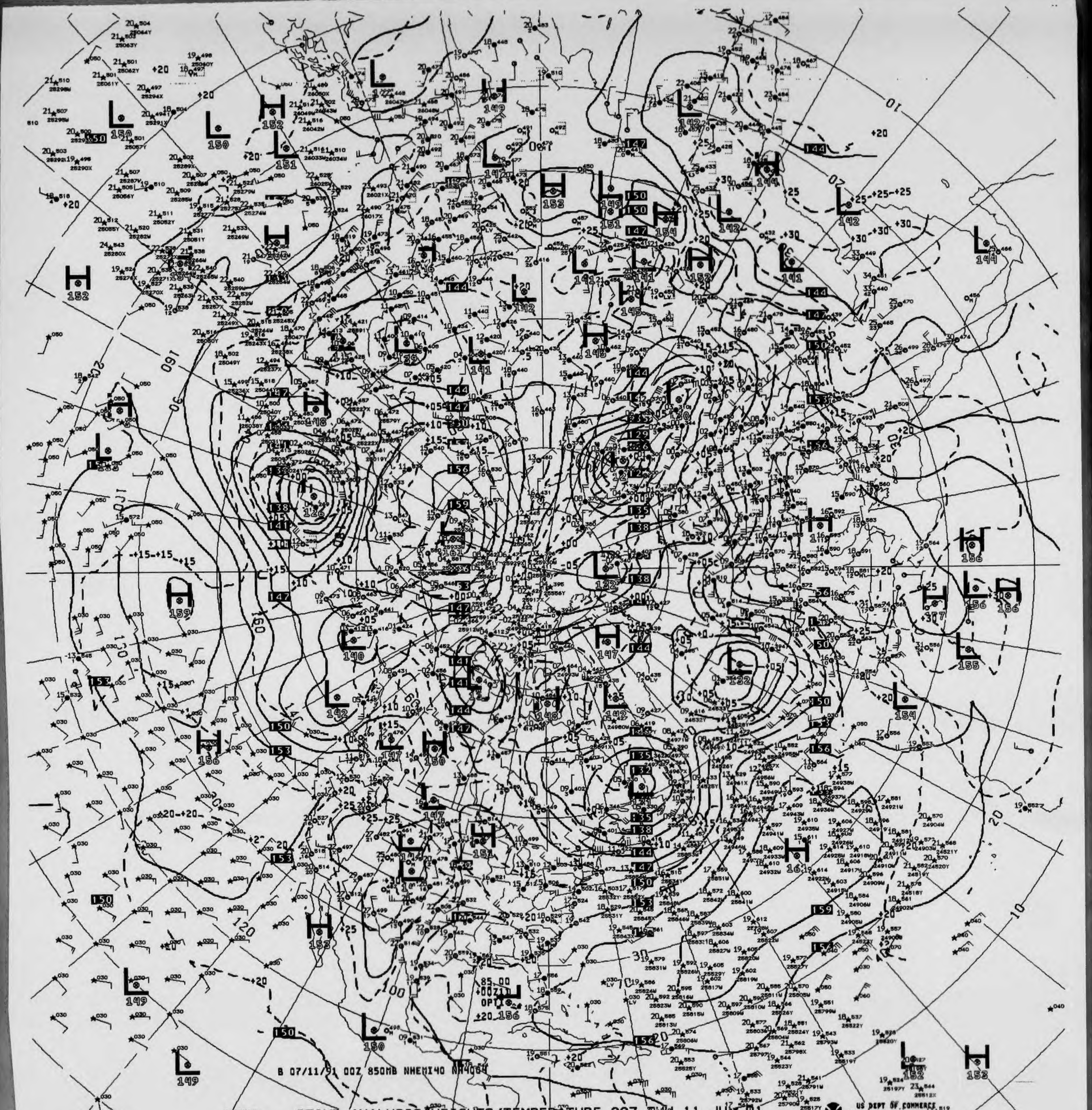
V871 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 10 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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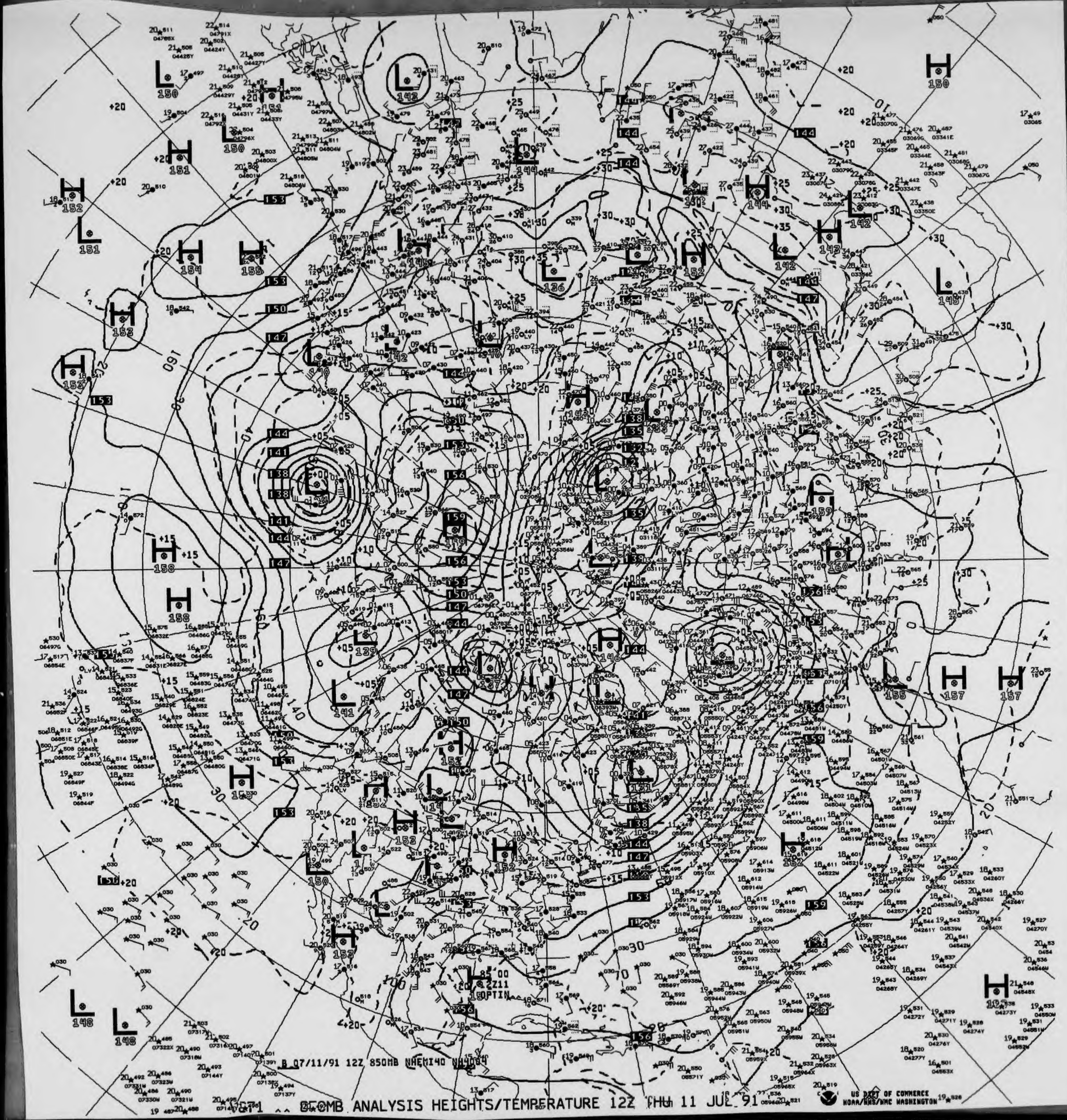
V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 11 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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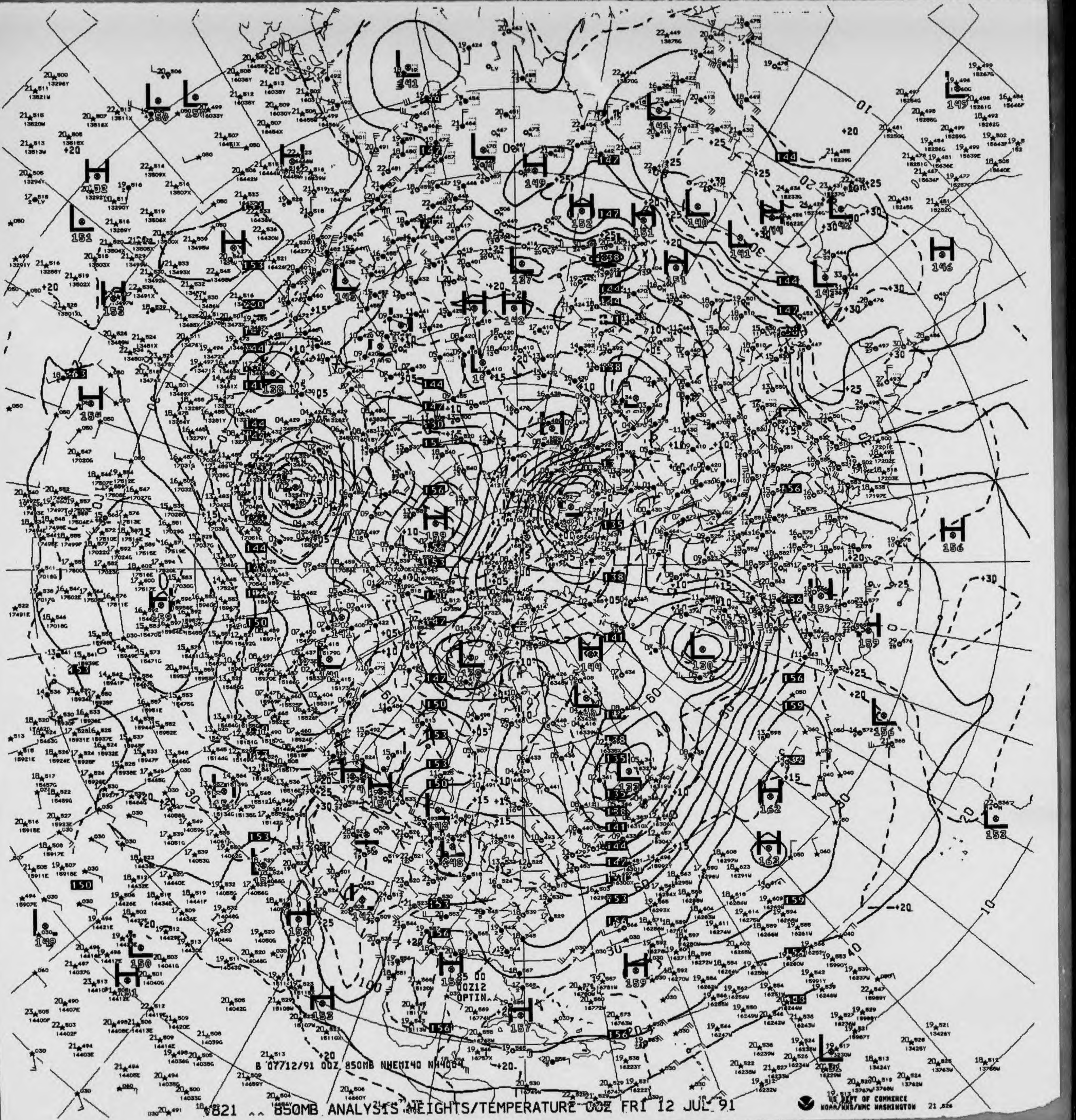
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 11 JUL 91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00Z12
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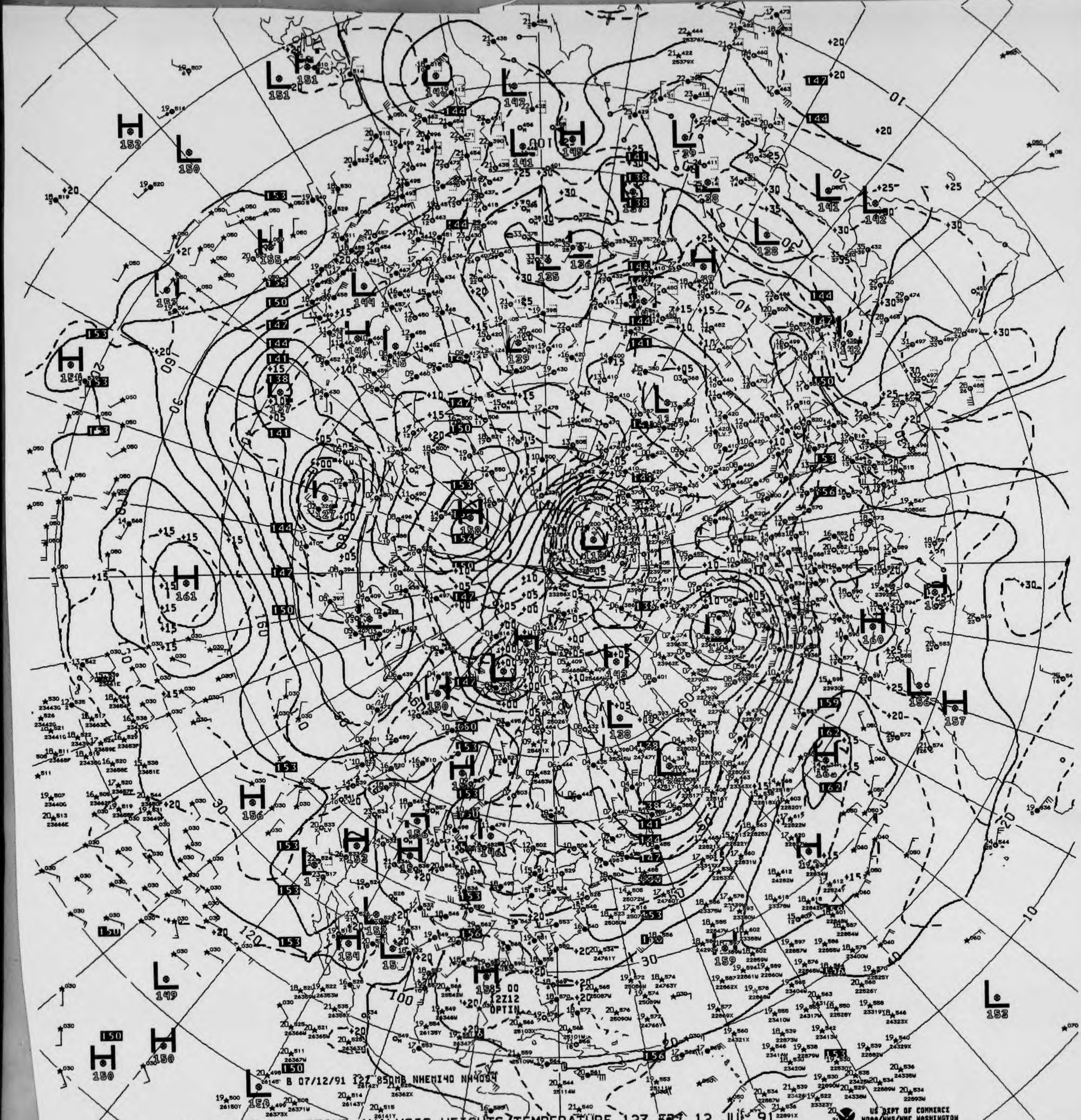
V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 12 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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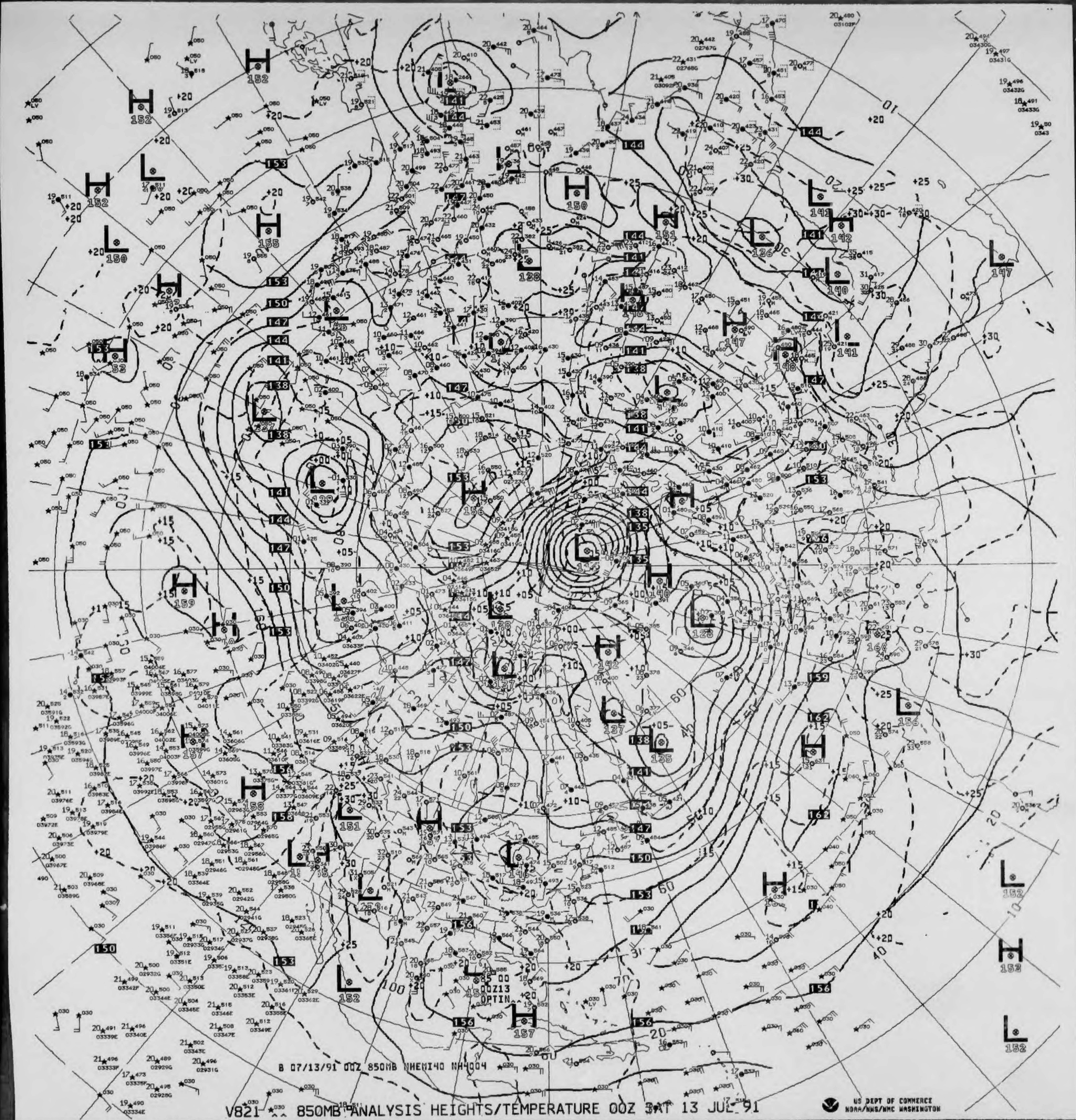
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 12 JUL 91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H 152
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H 150
L 150
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L 138
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L 114
H 140
L 128
L 137
L 135
L 128
L 127
H 142
L 136
H 151
L 147
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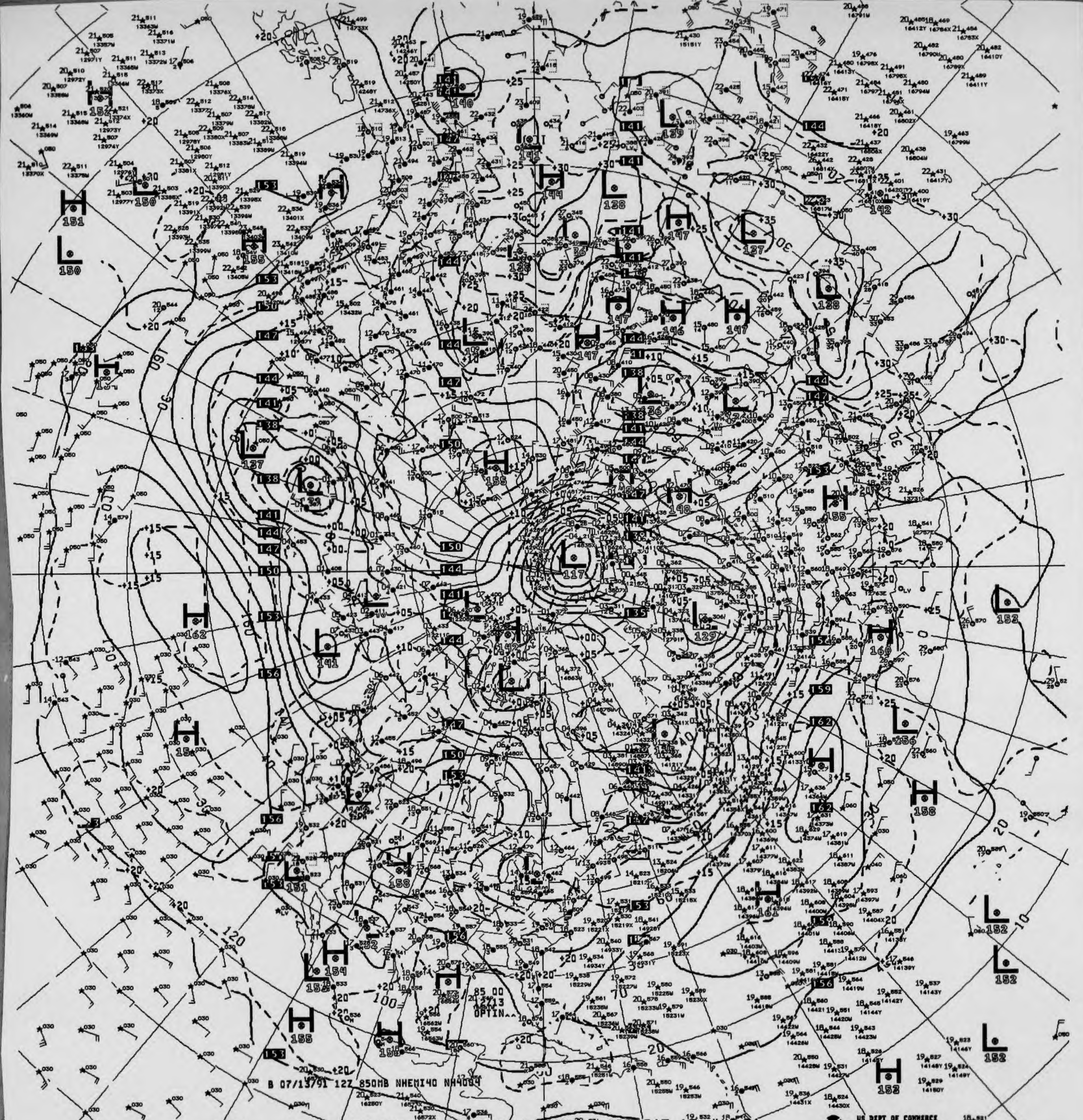
H 153

V821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 13 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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OPTIN^^
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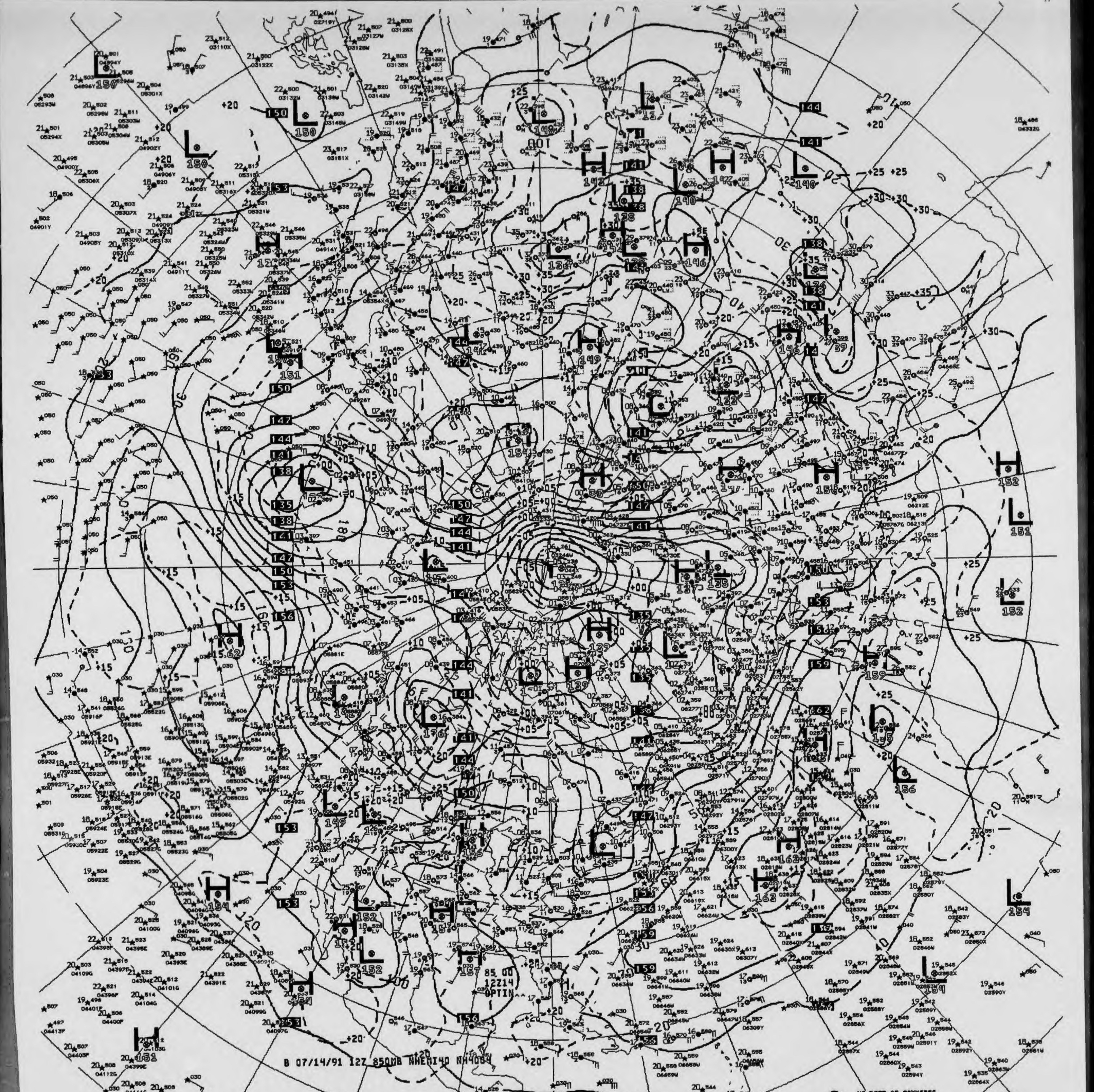
V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 13 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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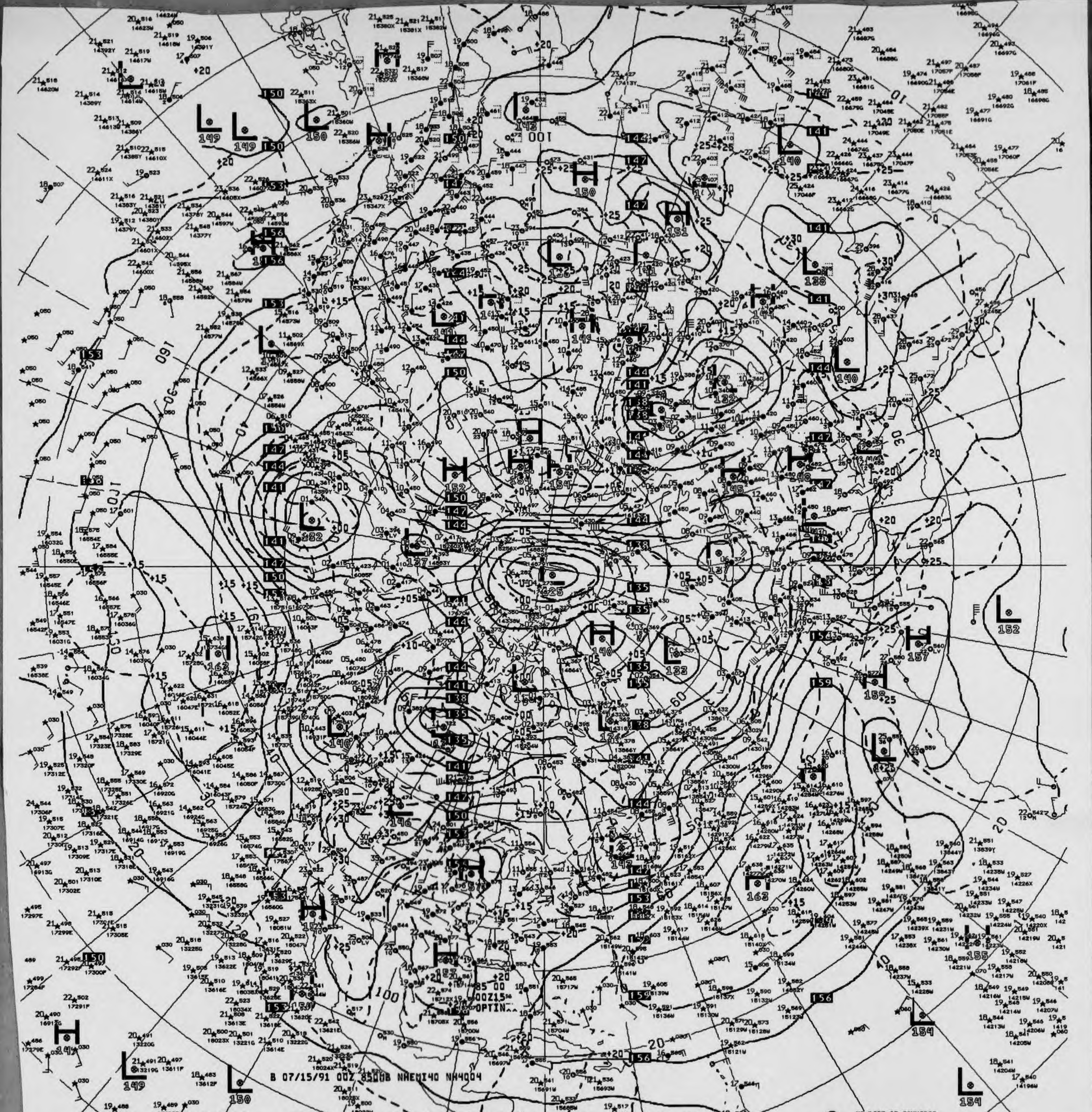
V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 14 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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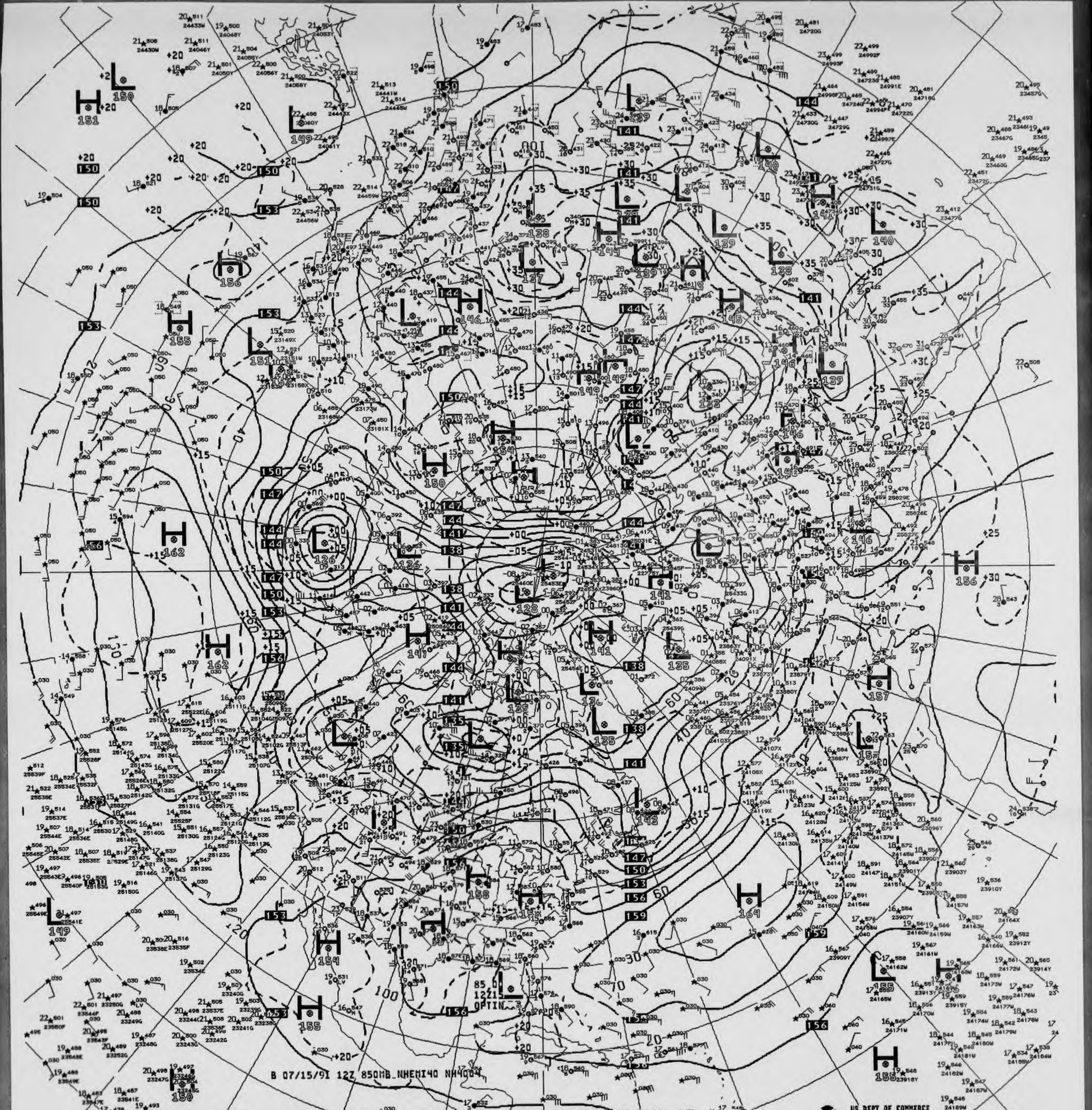
V821 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 15 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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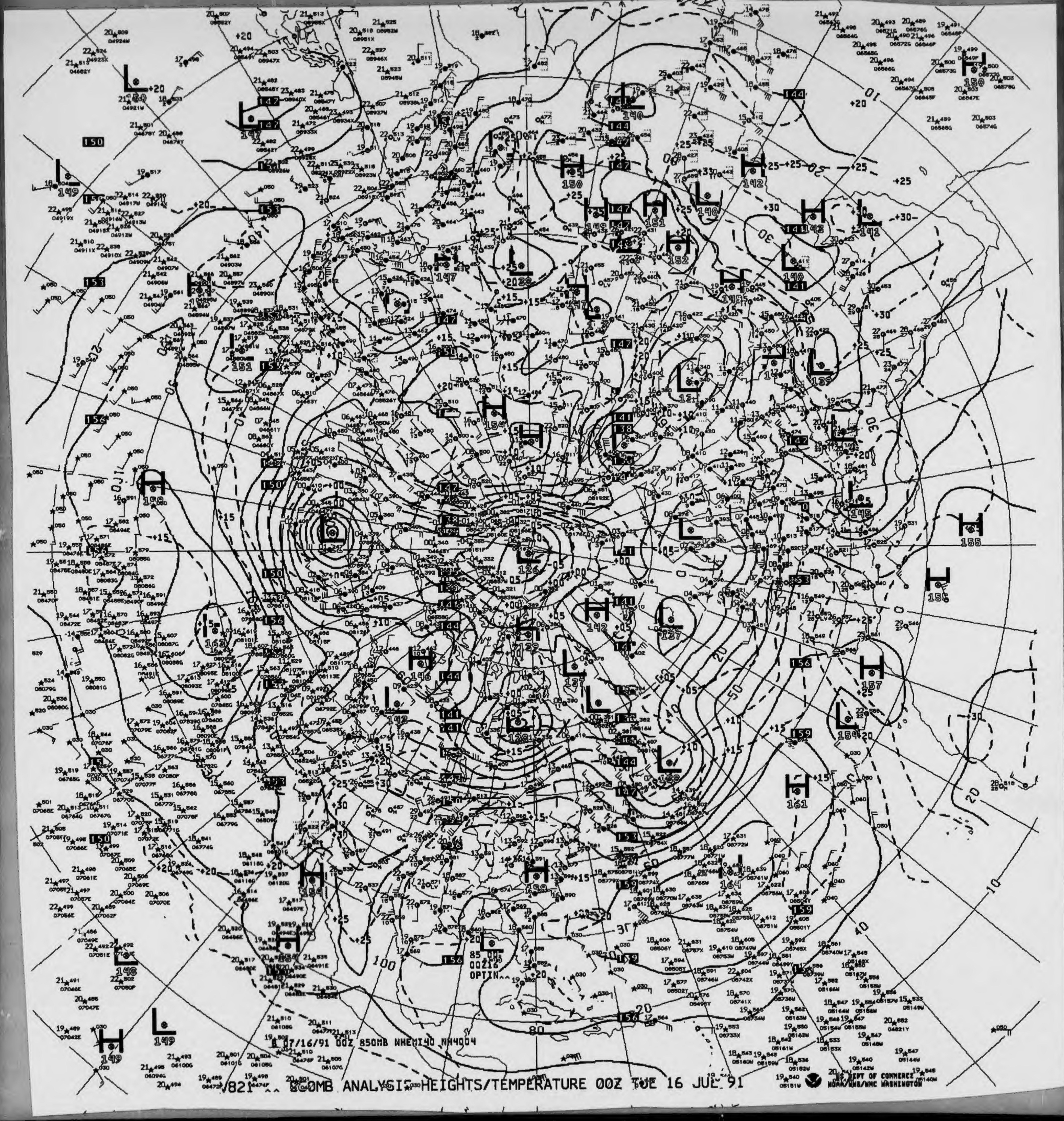
V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 15 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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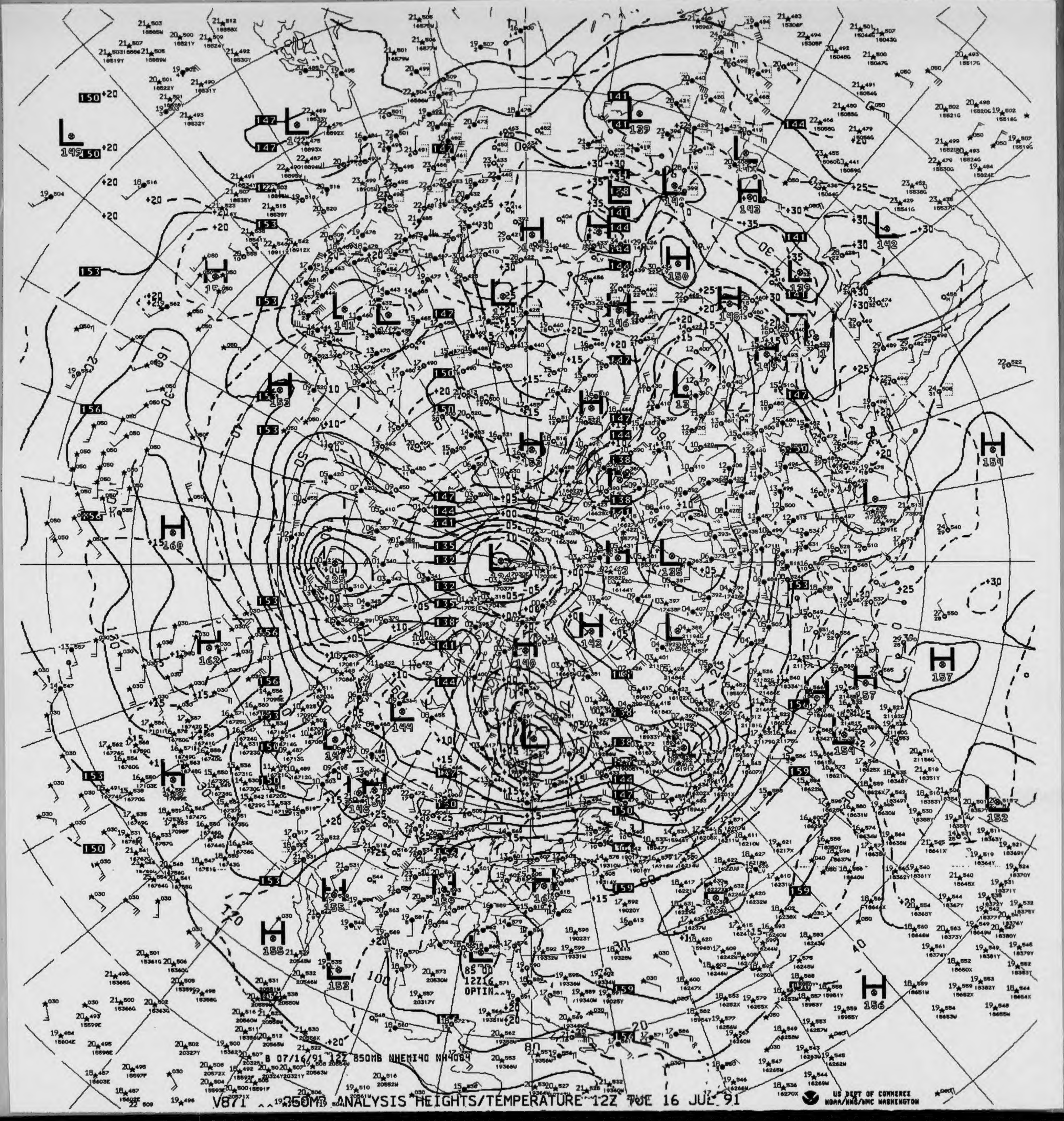
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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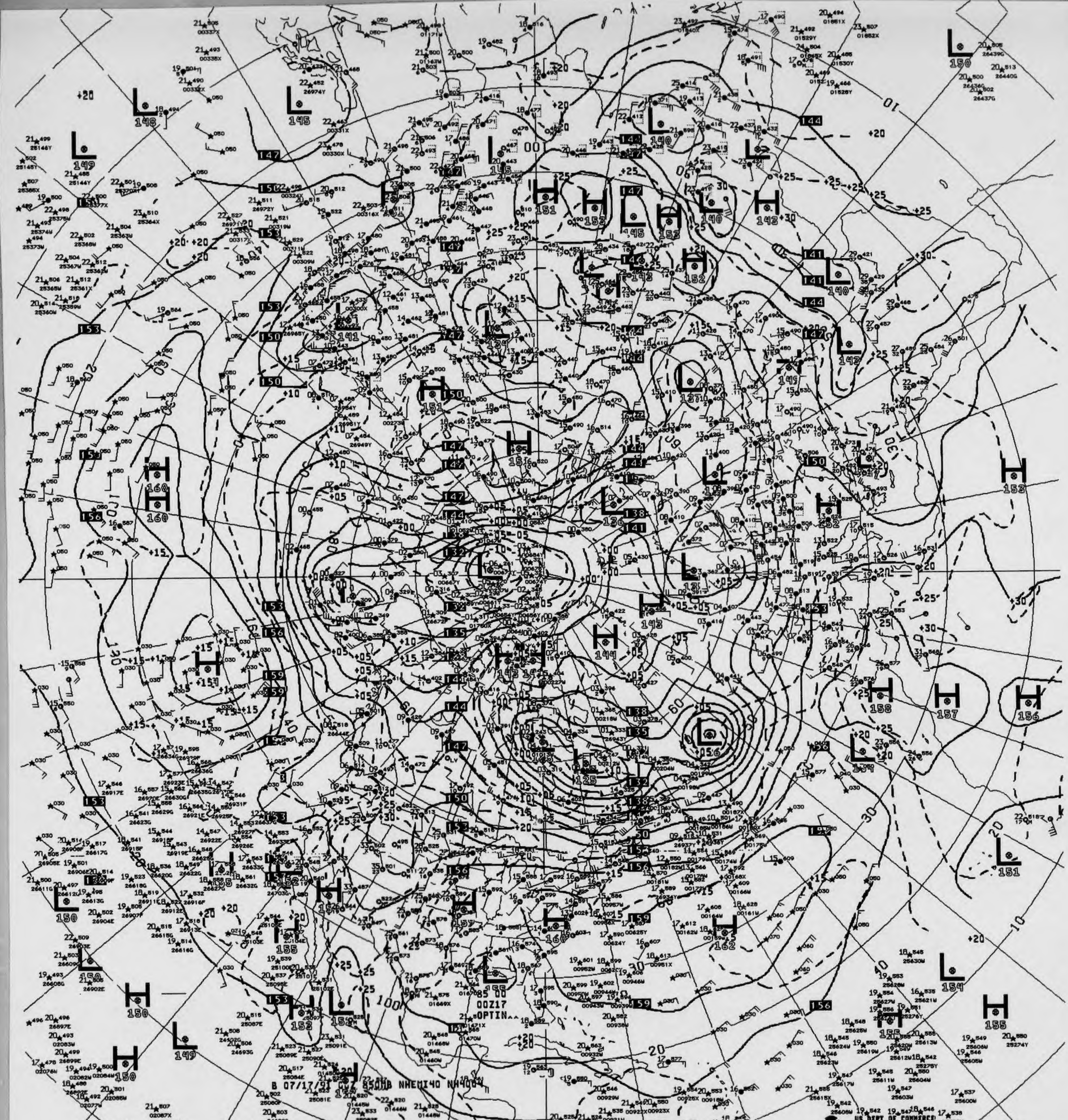
V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 16 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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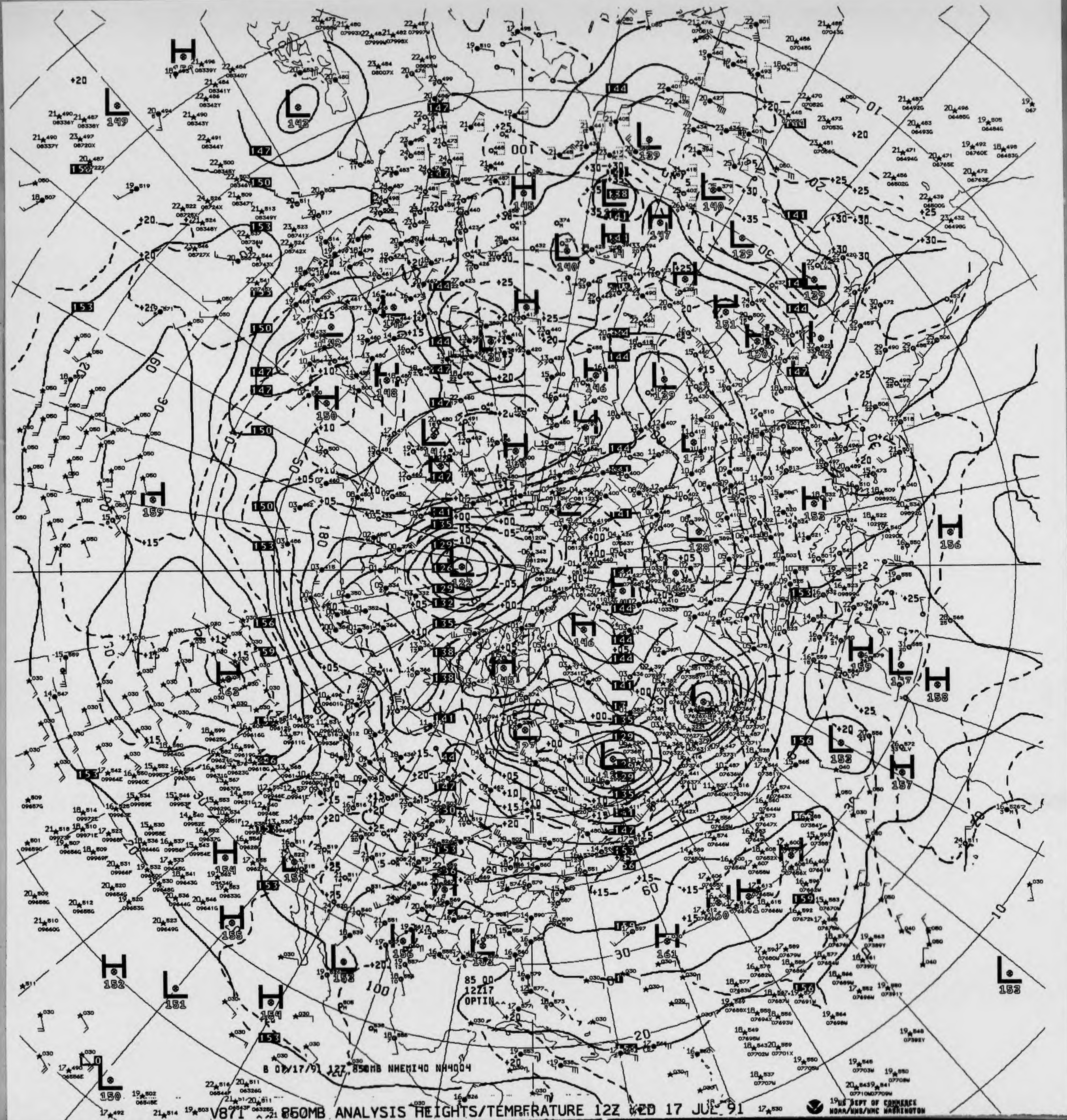
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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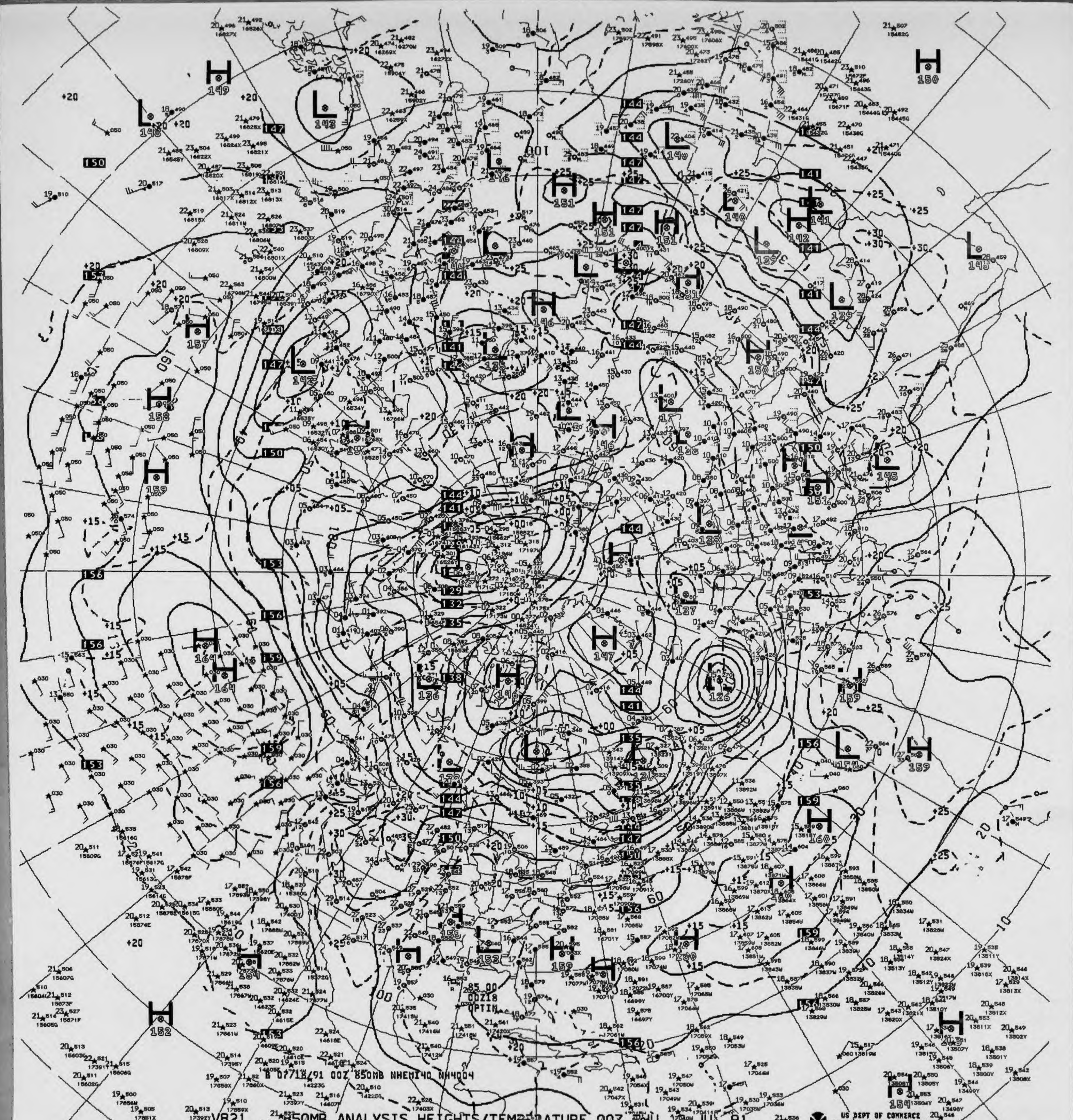
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 17 JUL 91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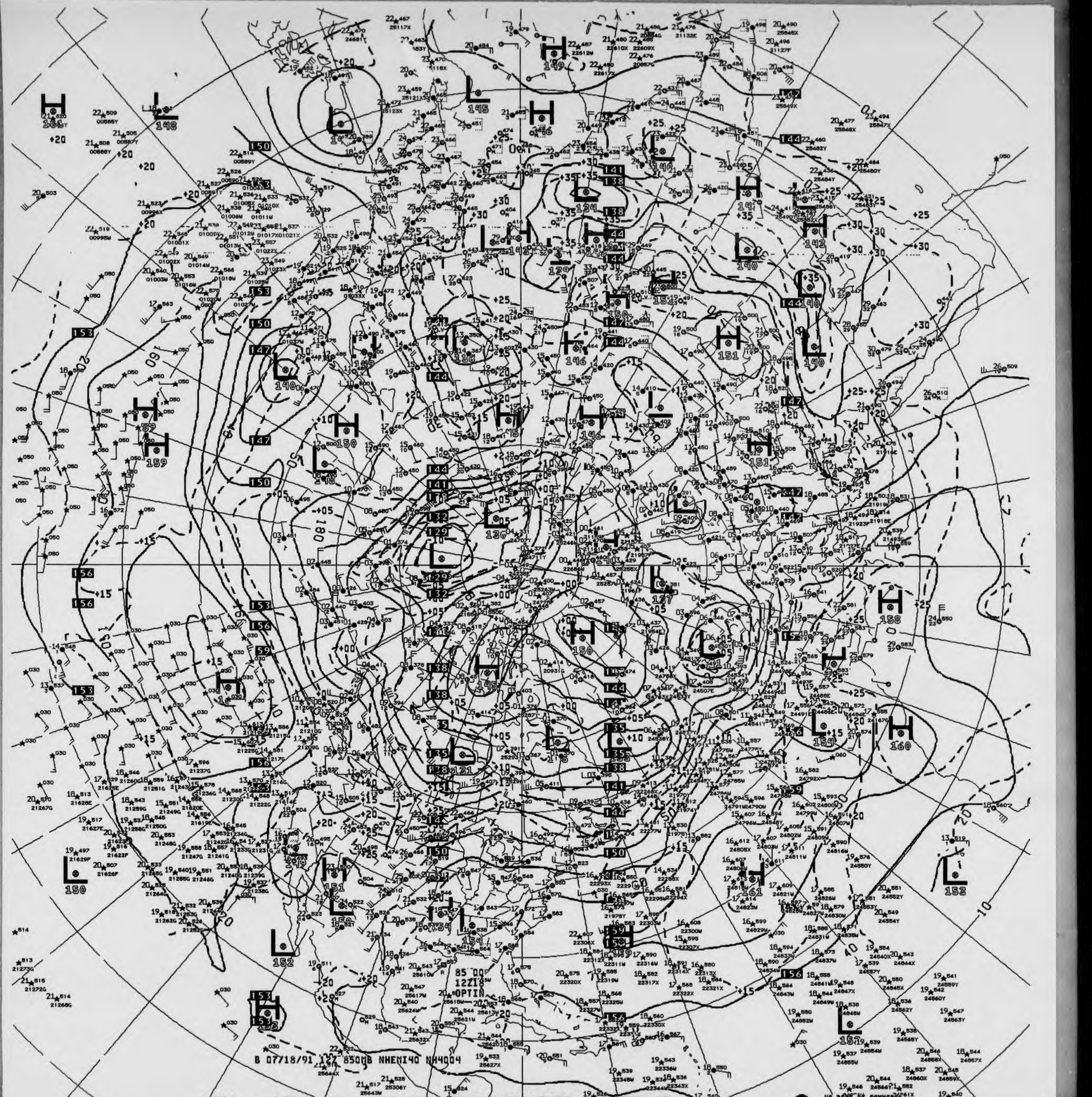
V821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 18 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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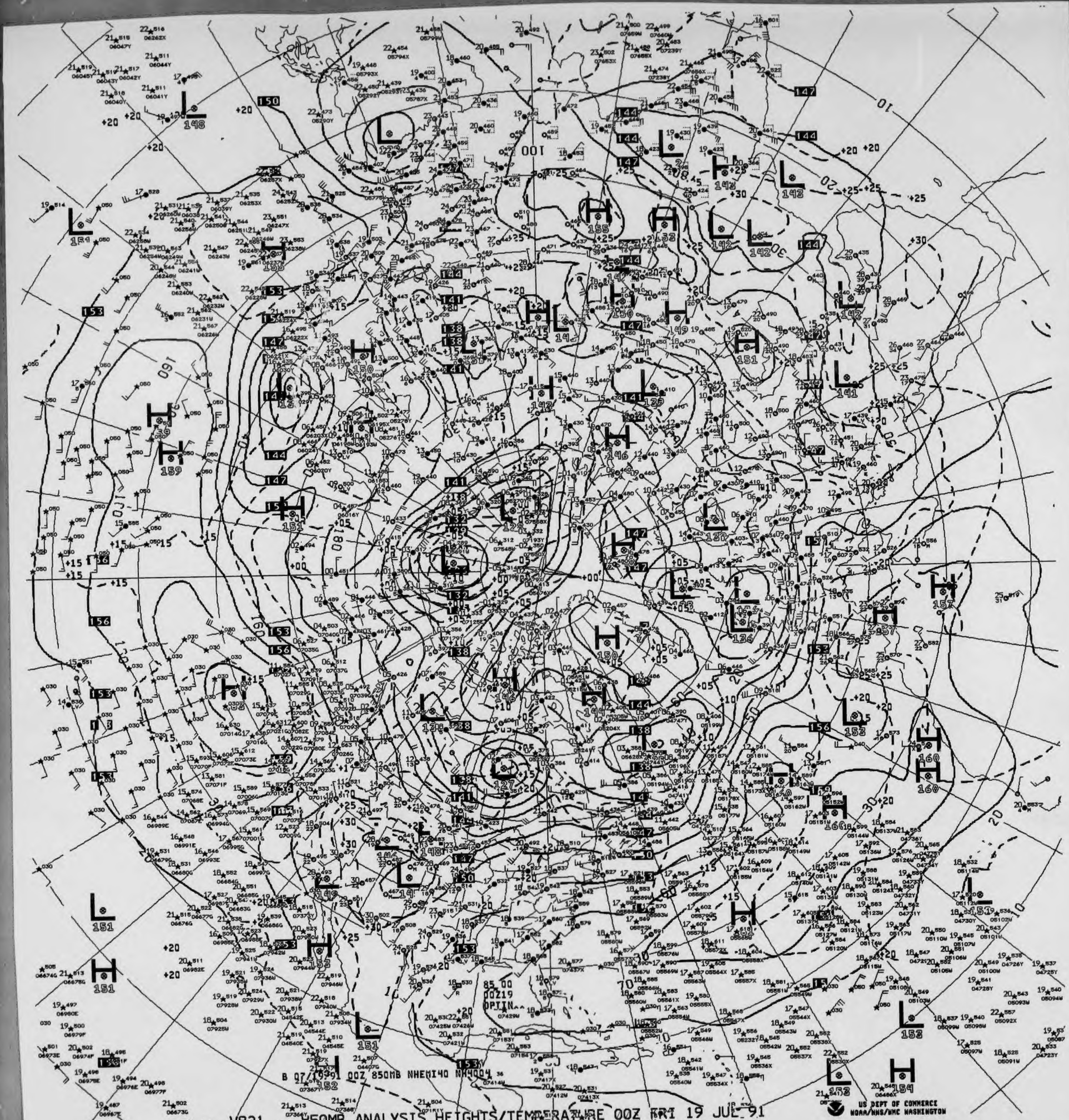
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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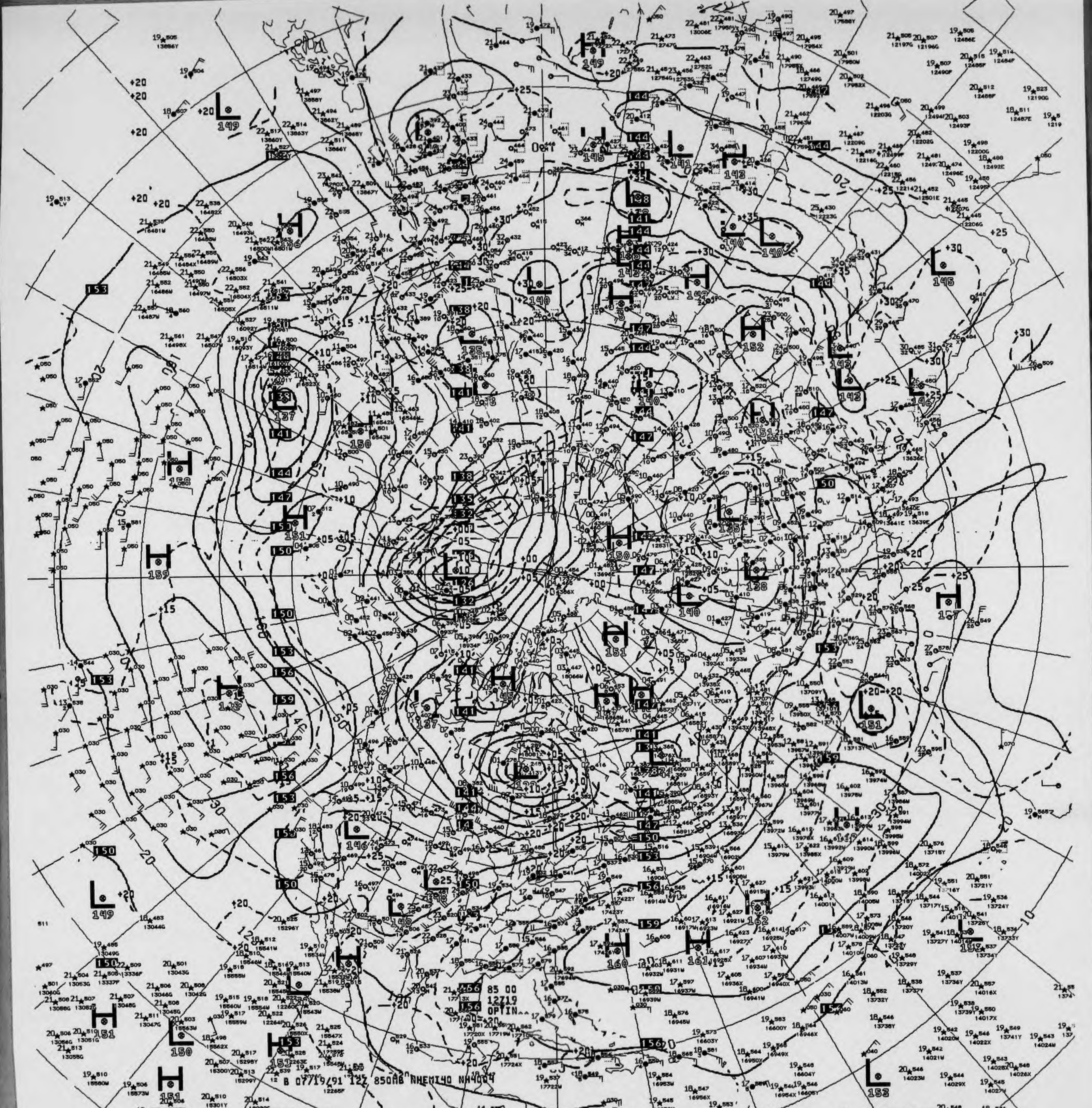
V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 19 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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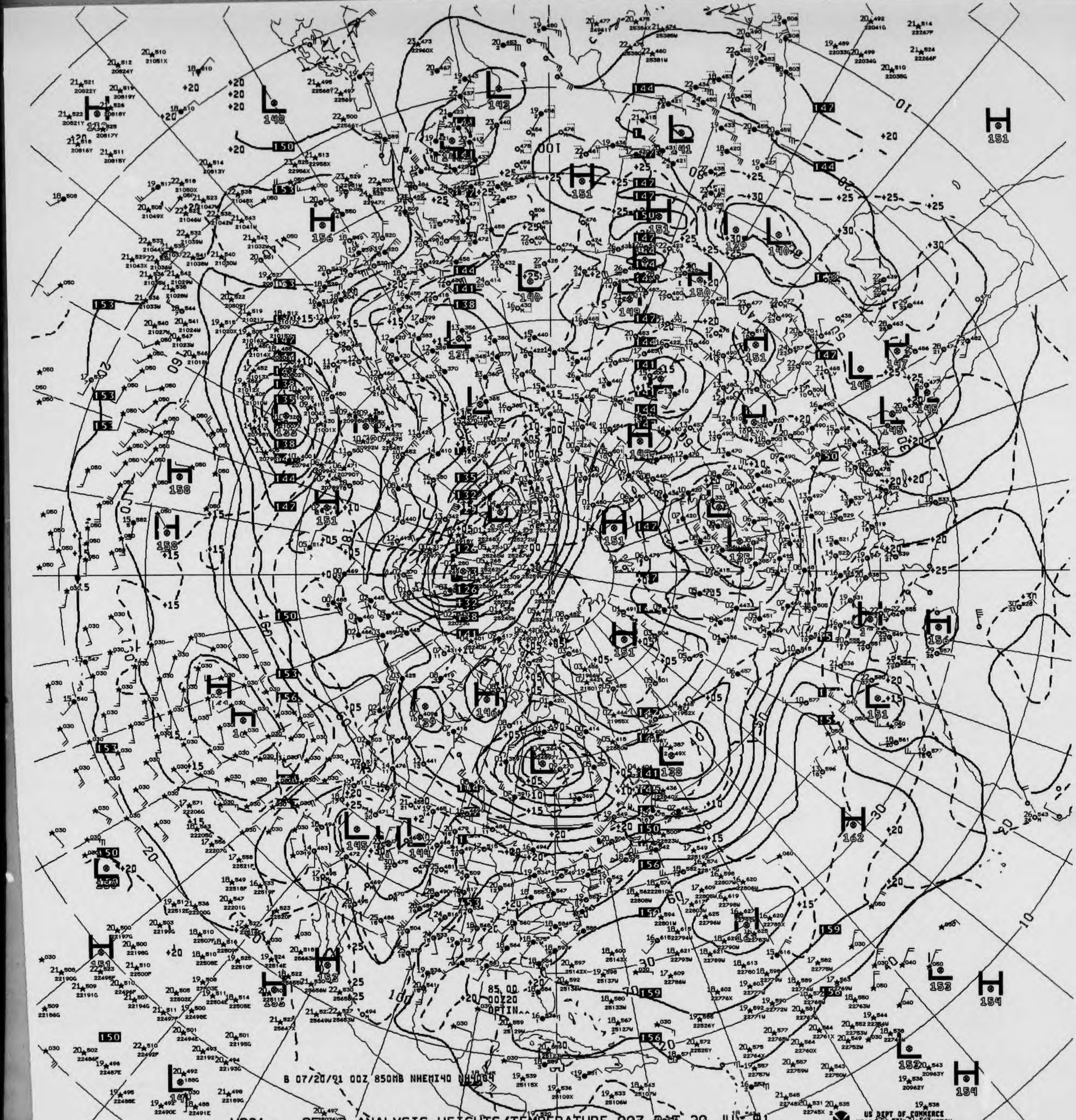
V371 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 19 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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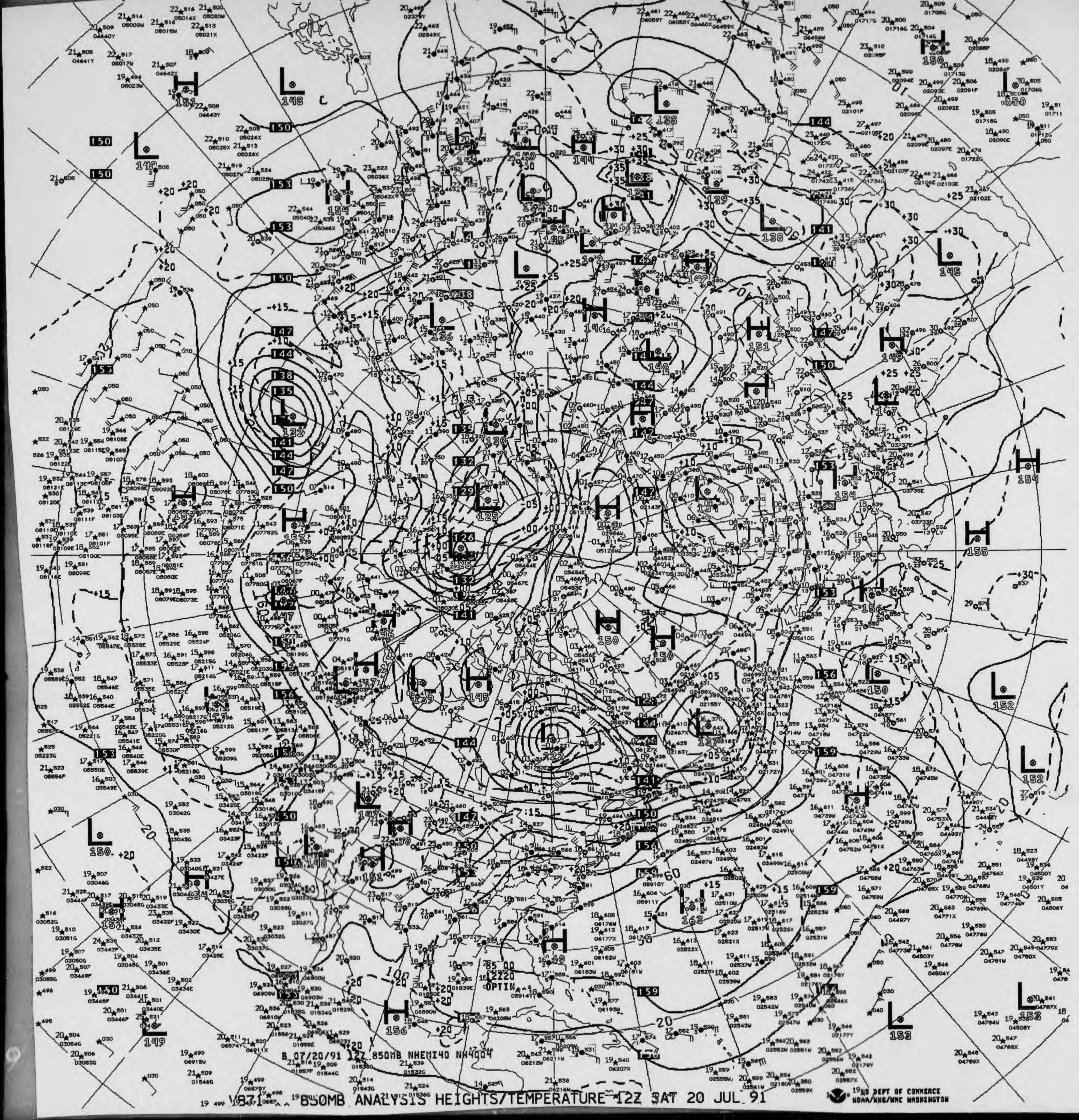
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 20 JUL 91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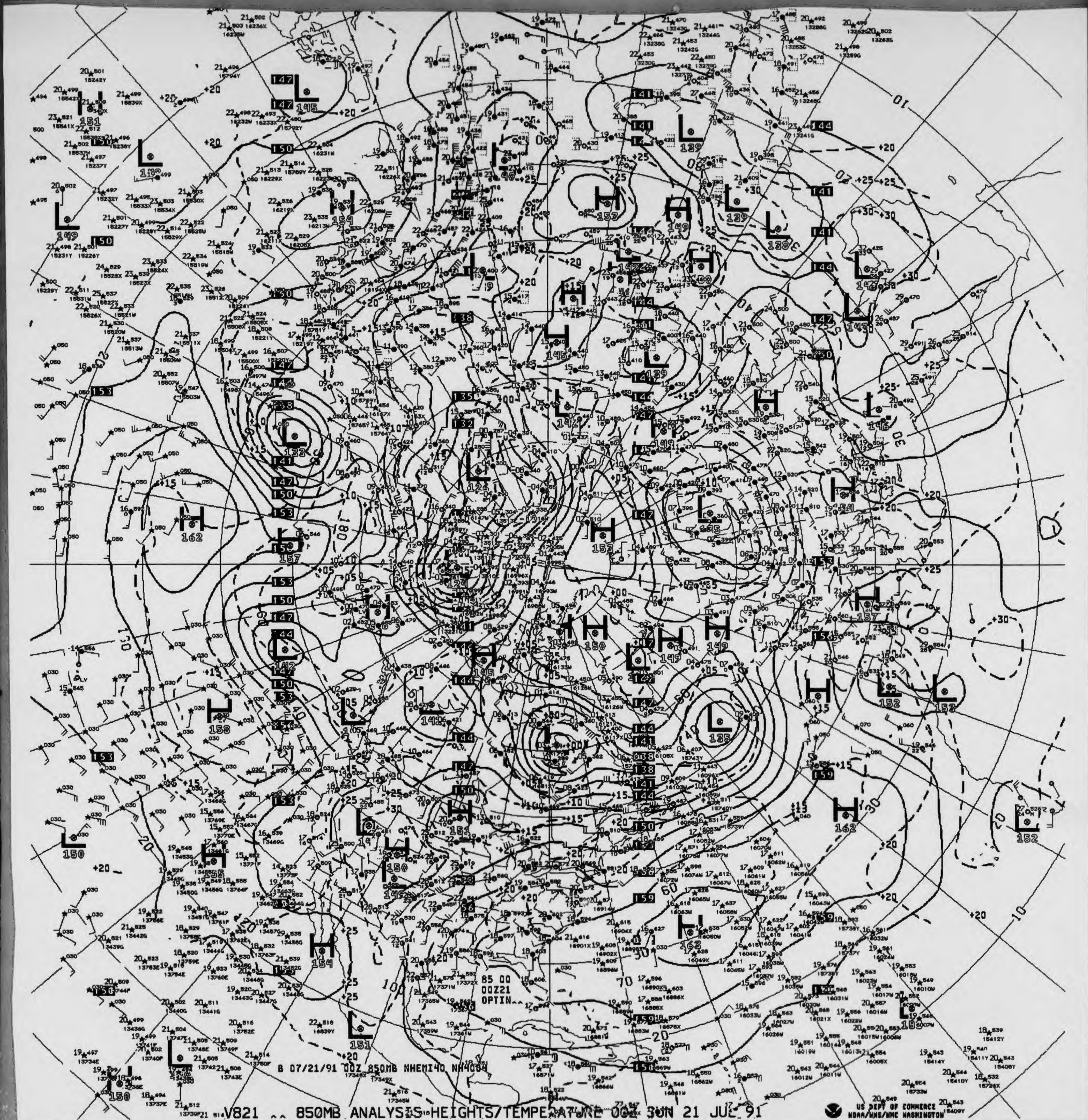
V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 20 JUL 91

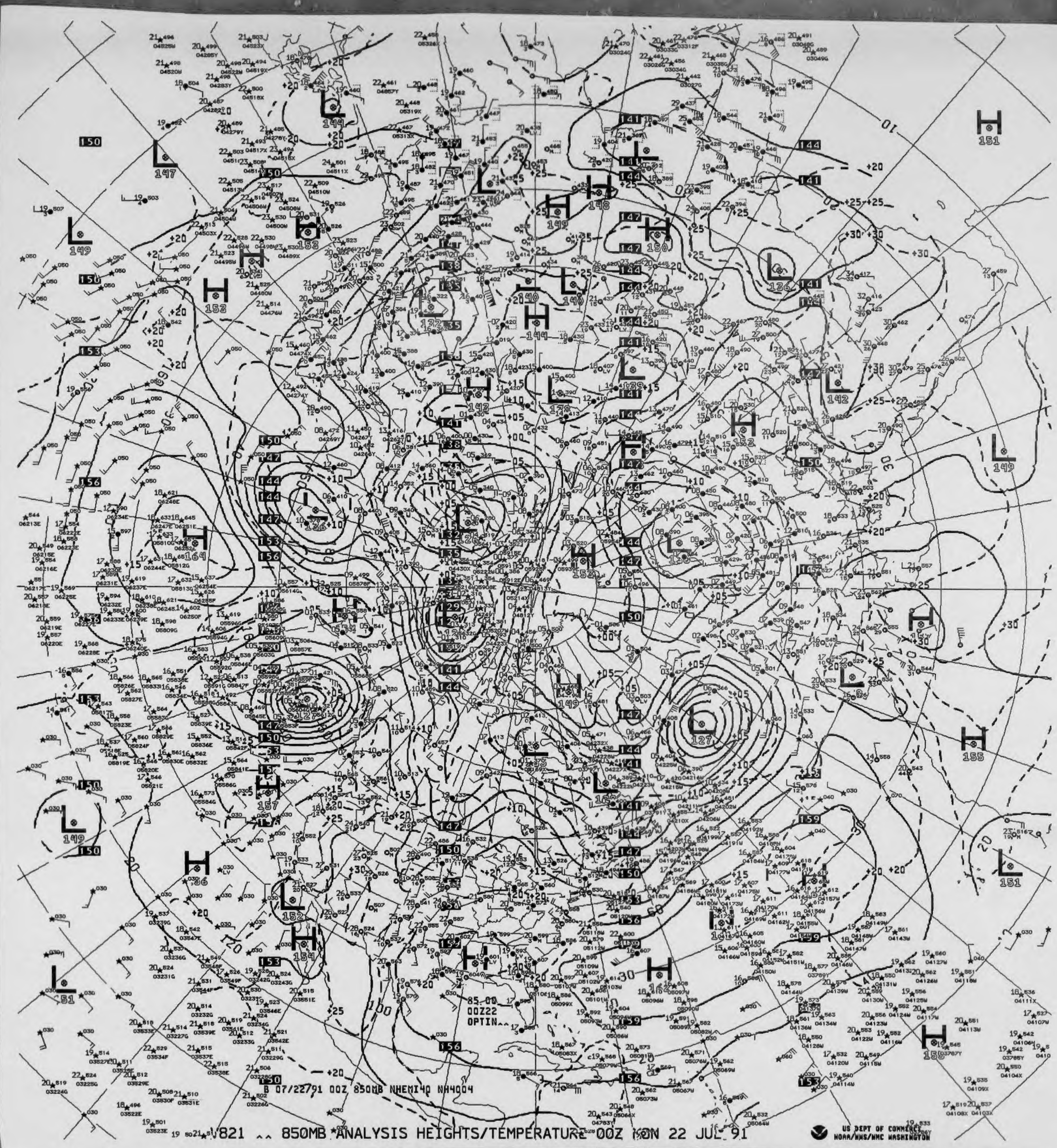
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


85 00
00Z21
OPTIN^^

B 07/21/91 00Z 850MB NHEMI40 NH4084

V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 21 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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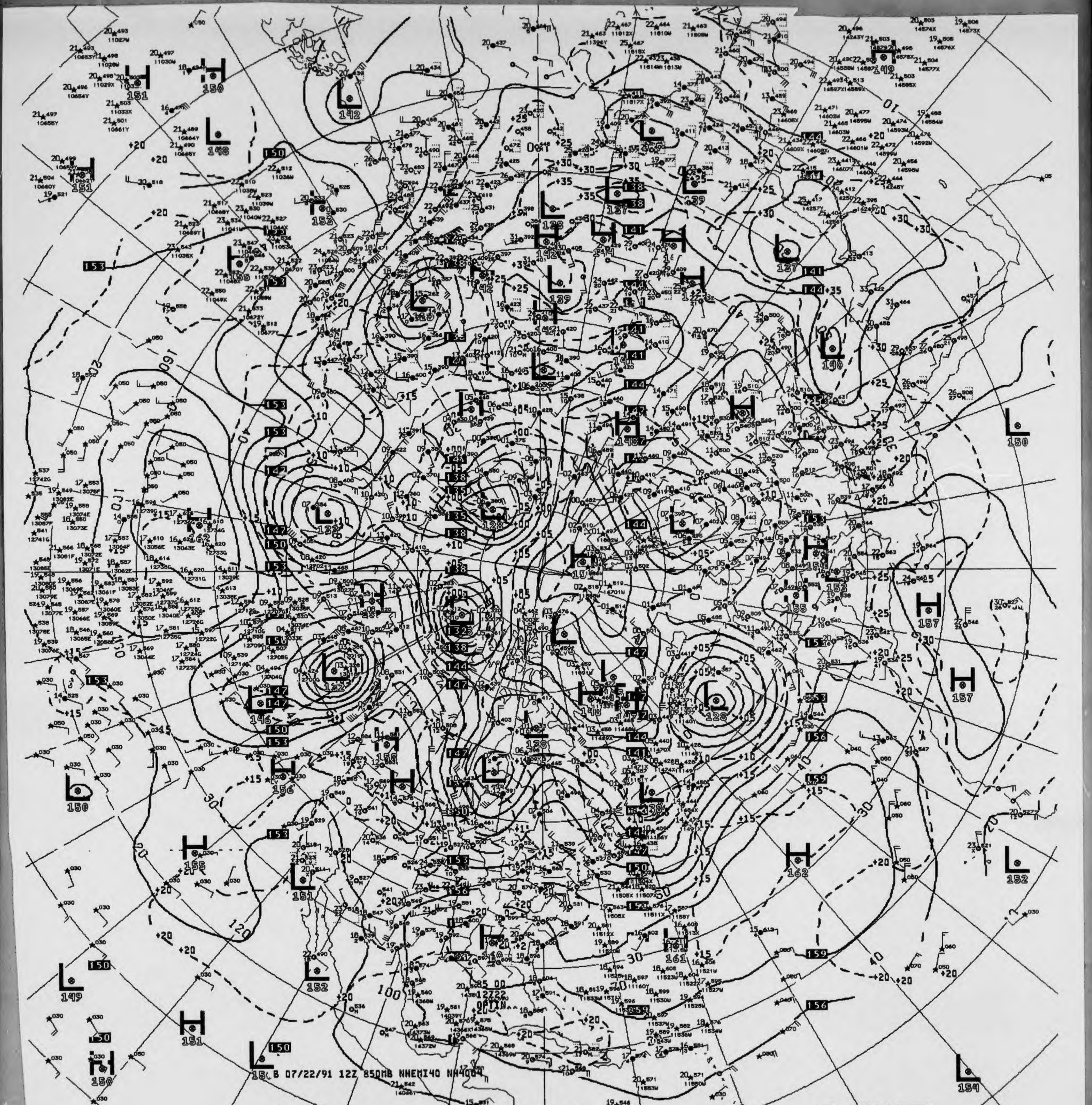
V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 22 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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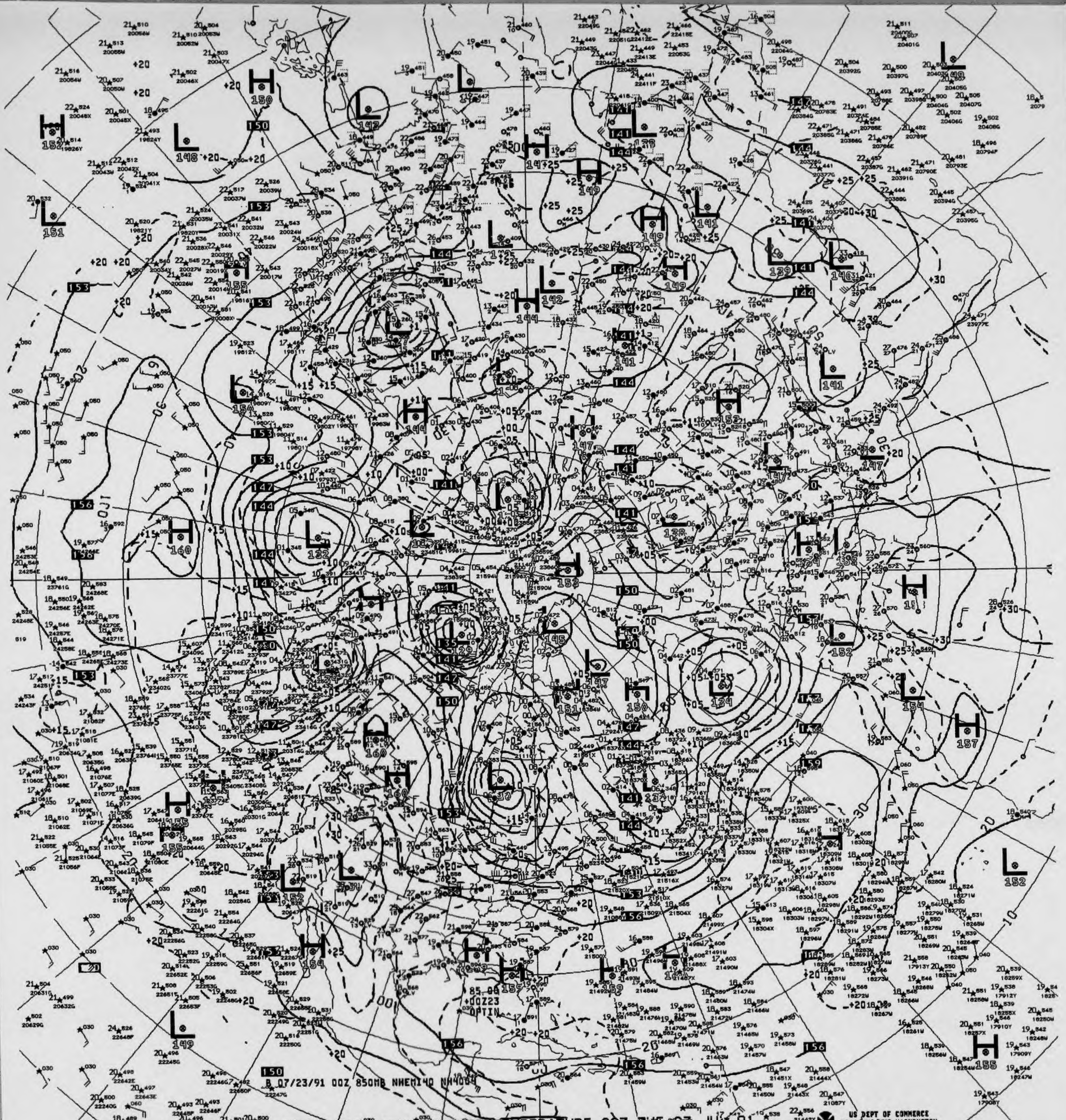
V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 22 JUL 91

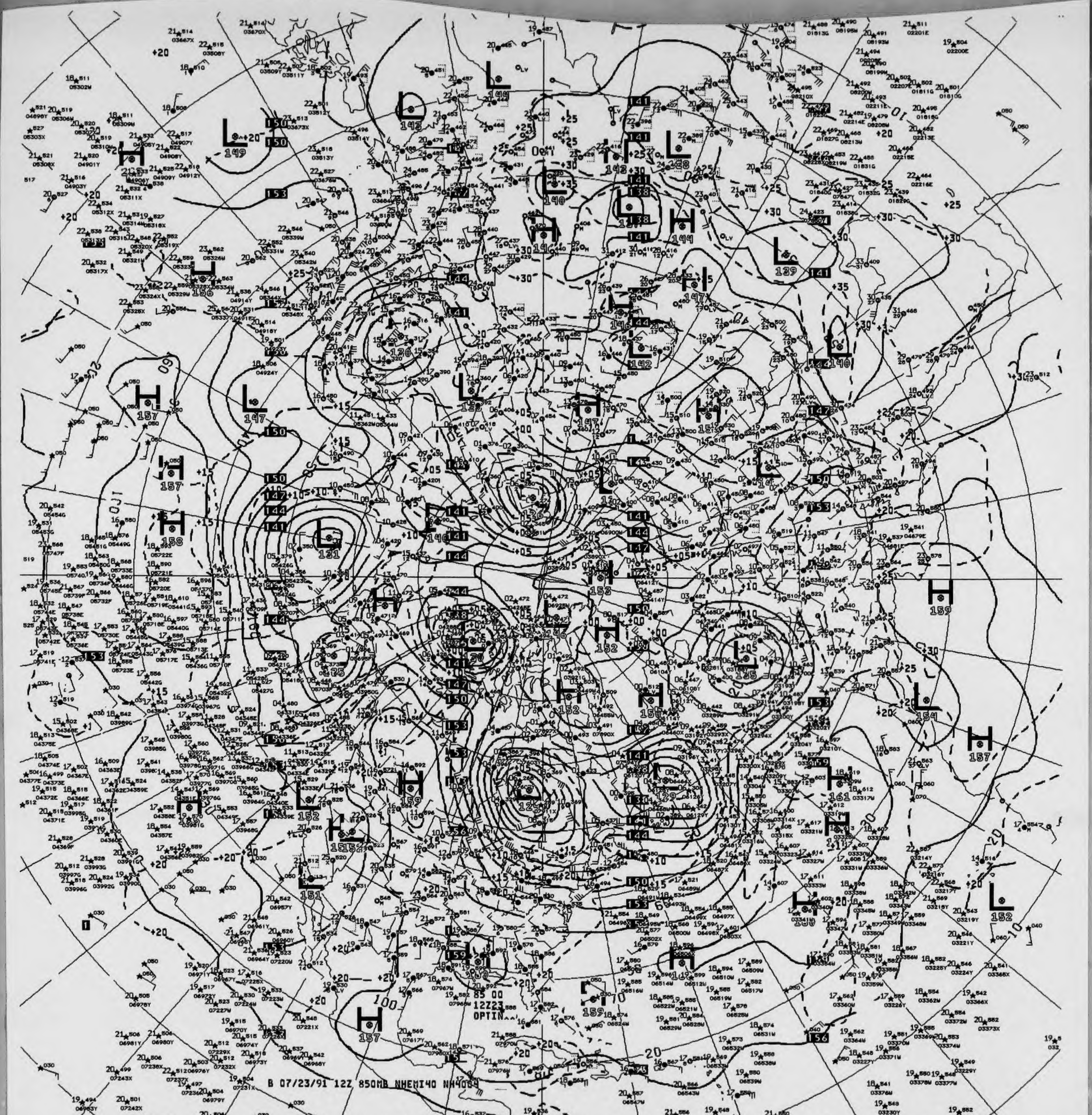
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



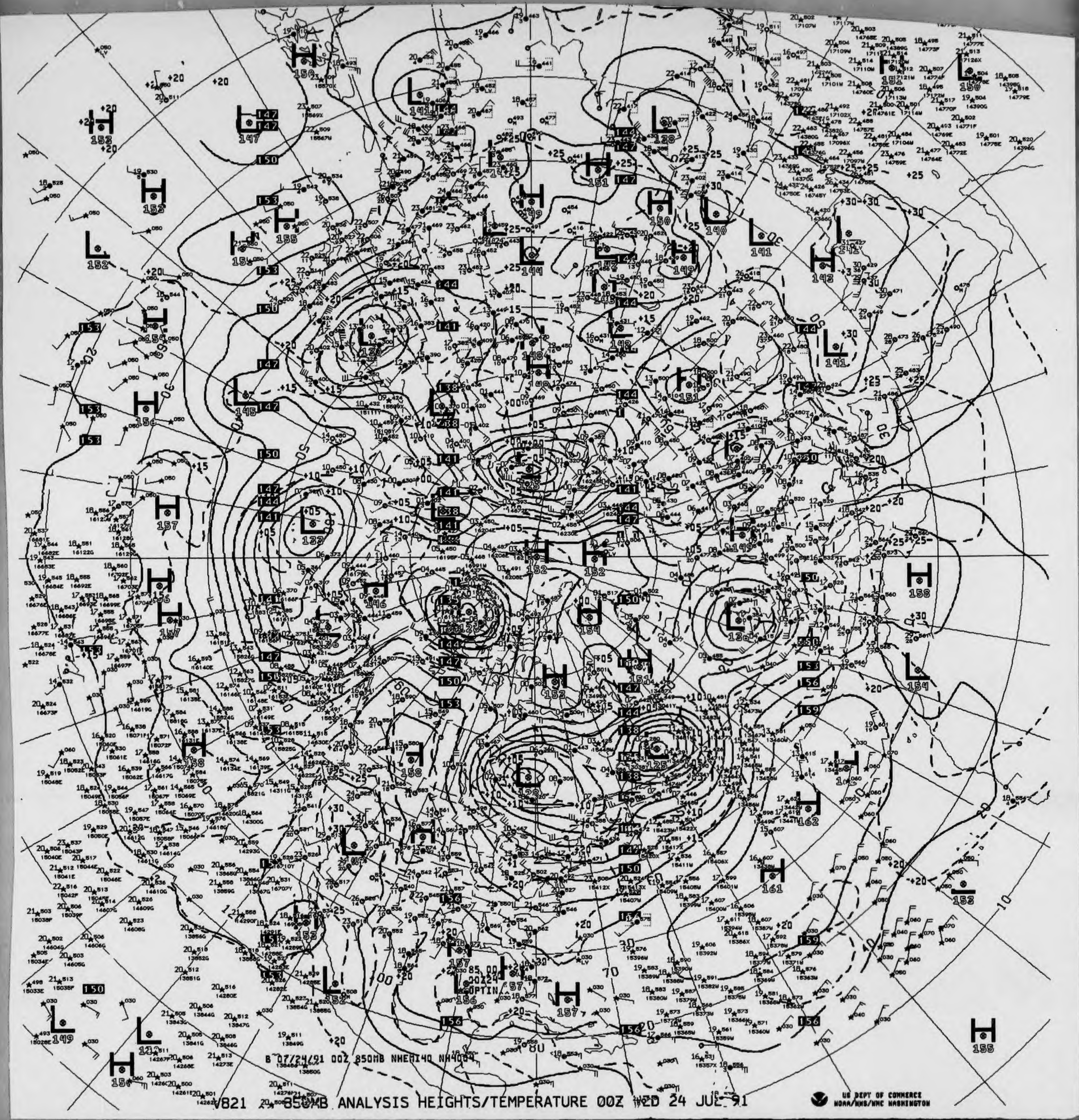
B 07/23/91 00Z 850MB NHEMI40 NH4084

V821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 23 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/23/91 12Z 850MB NHEMI40 NH4084
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 23 JUL 91



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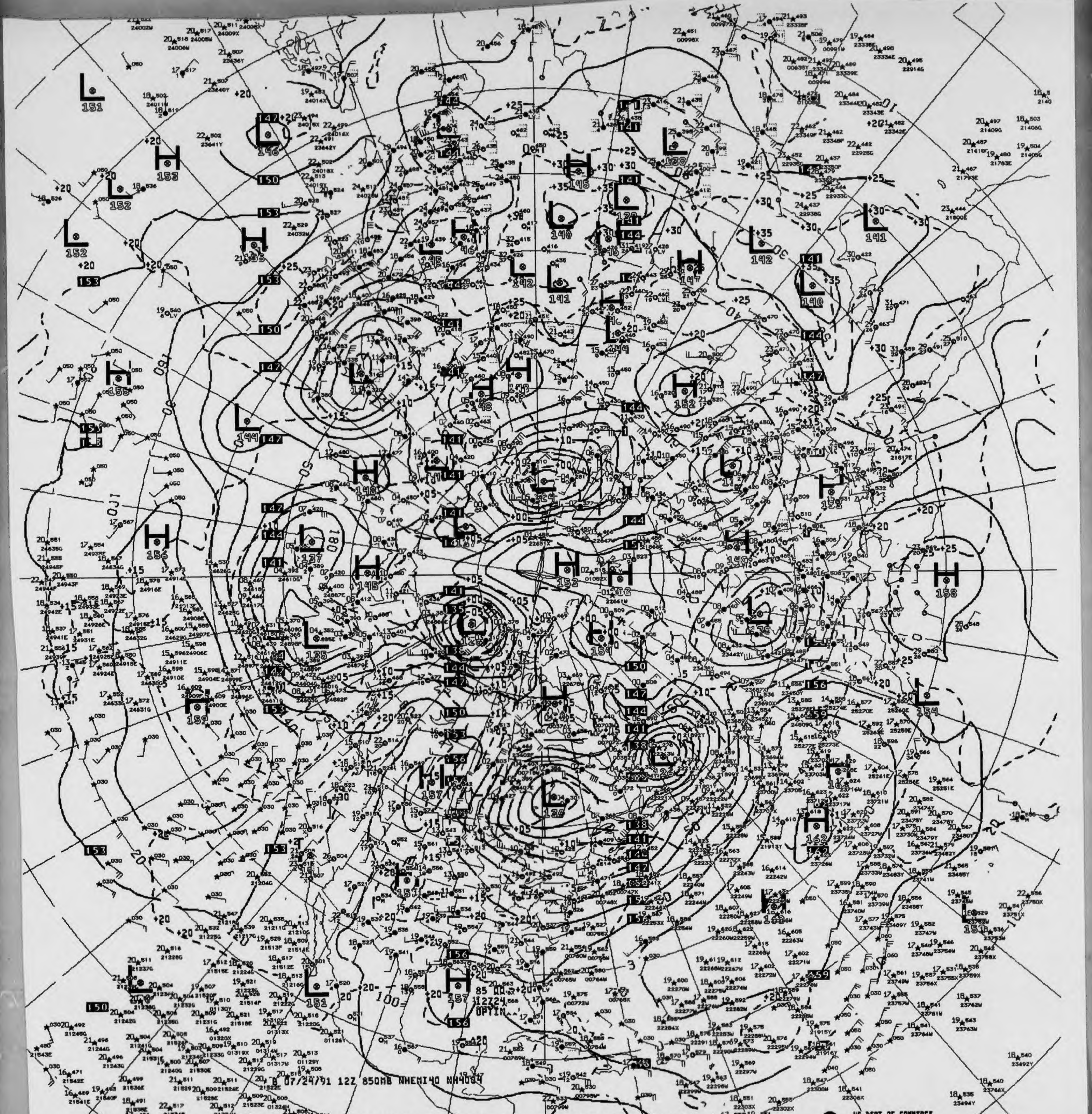
V821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 24 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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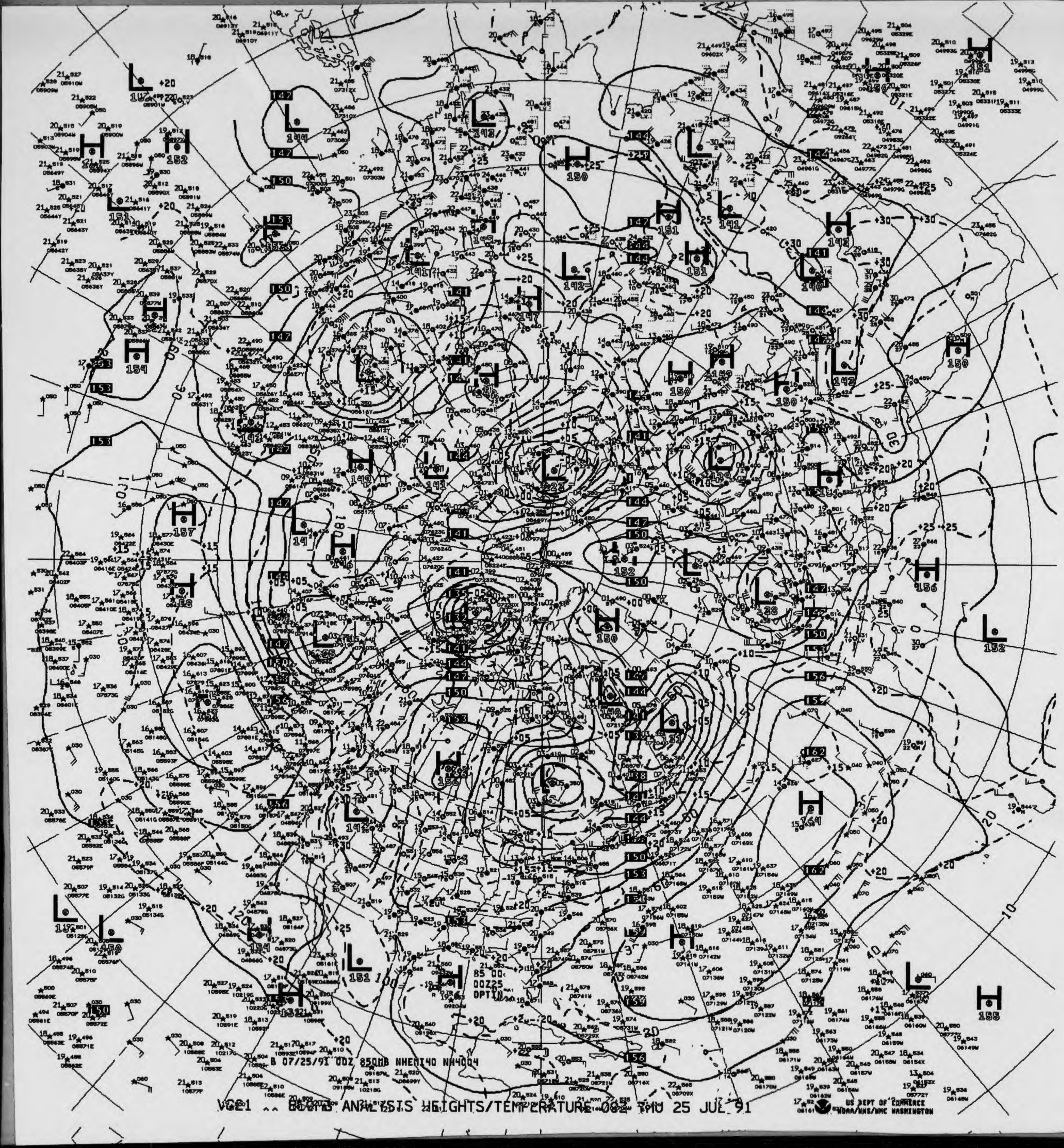
850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 24 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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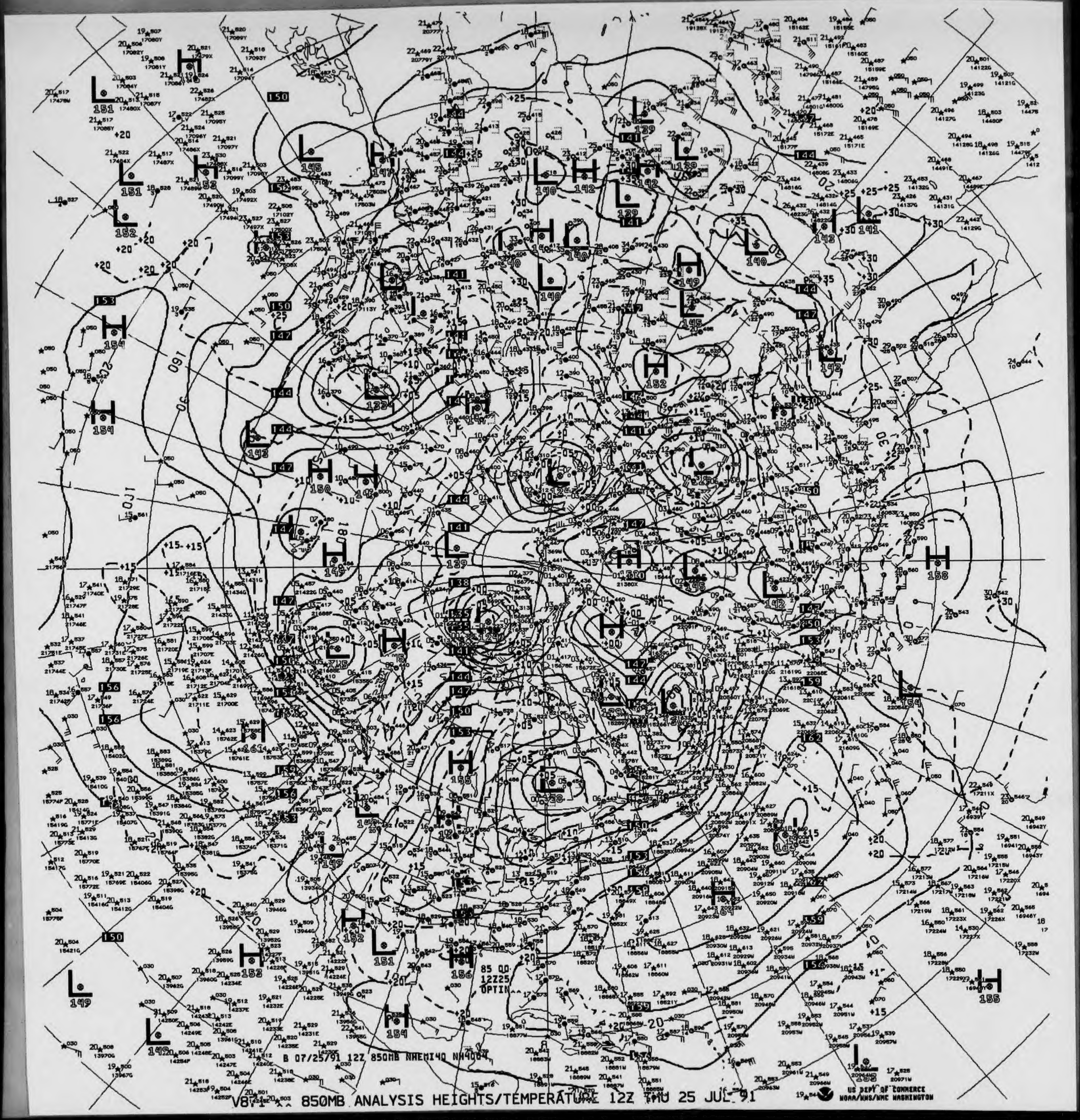
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

VG21 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 25 JUL 91



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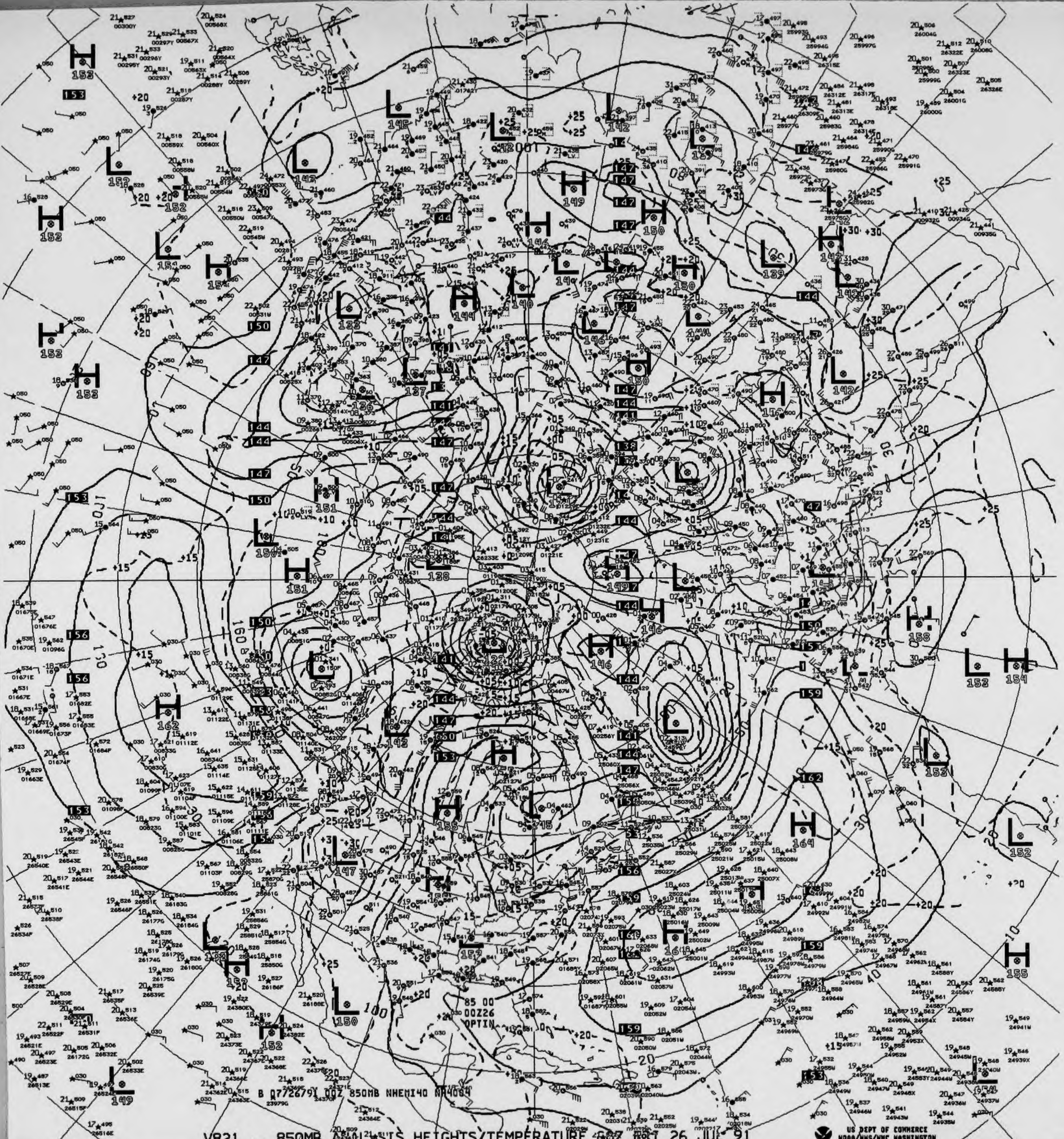
V8T1 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 25 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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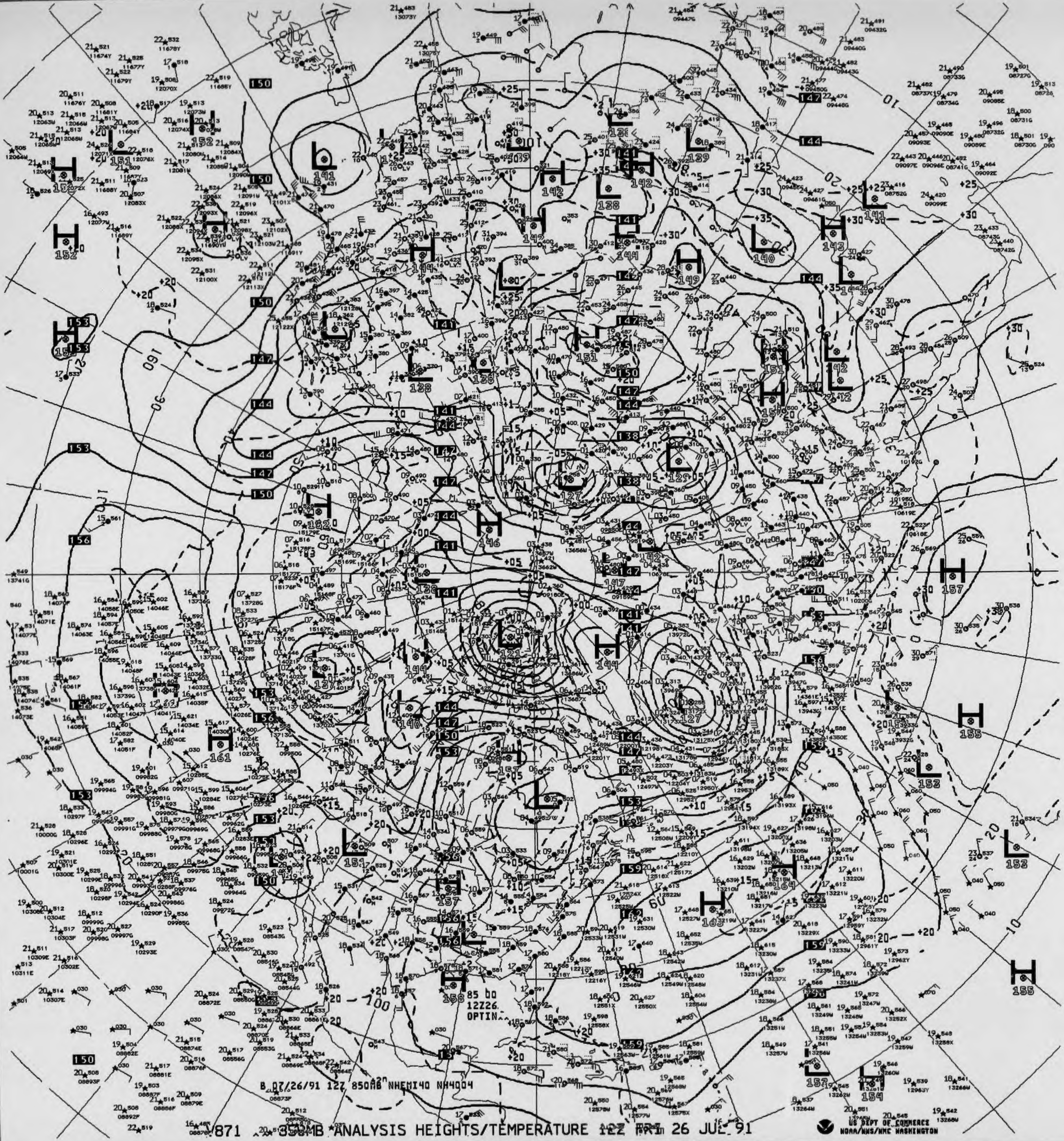
V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 26 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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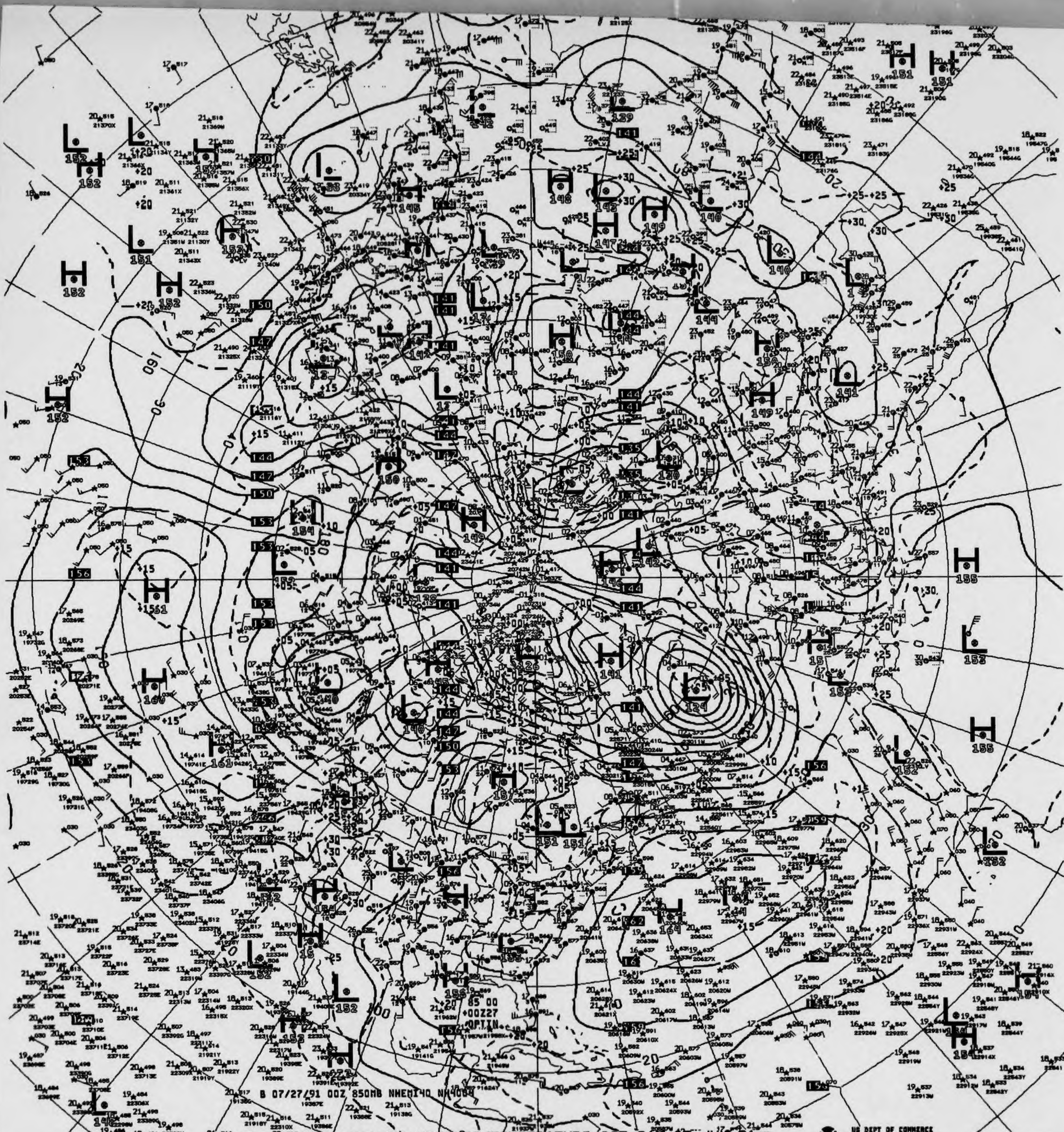
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V871 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 26 JUL 91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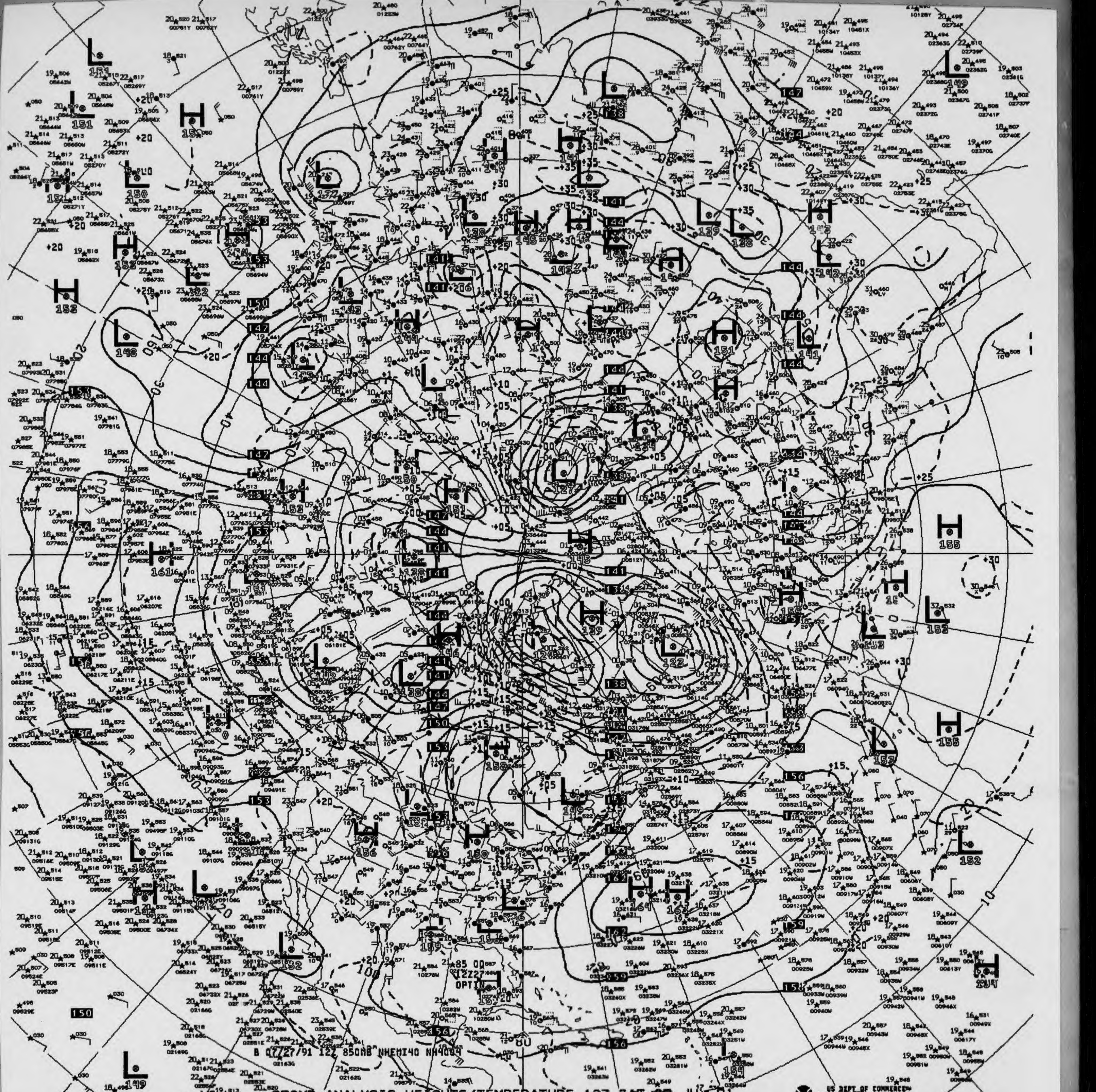
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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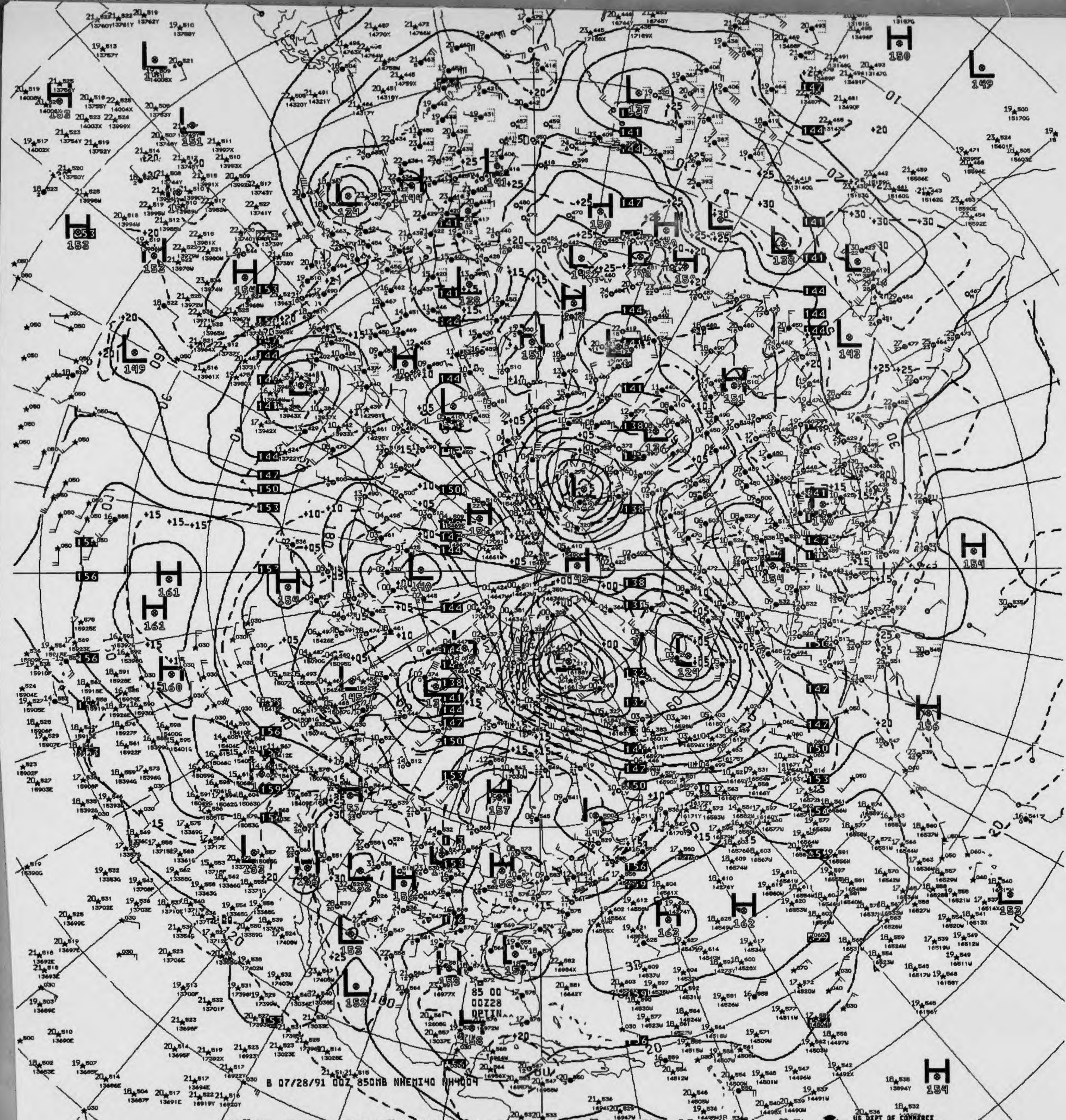
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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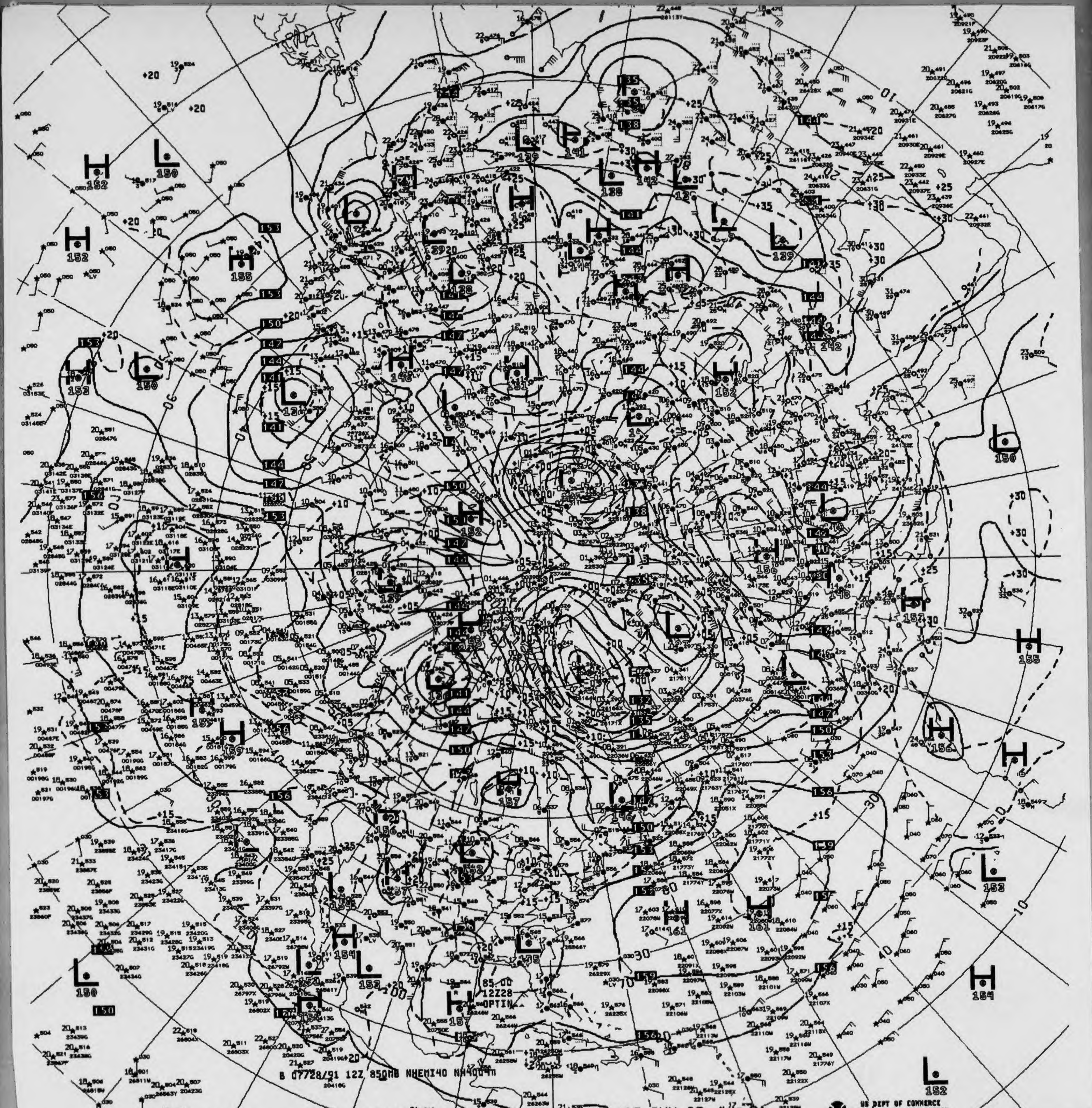
V821 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 28 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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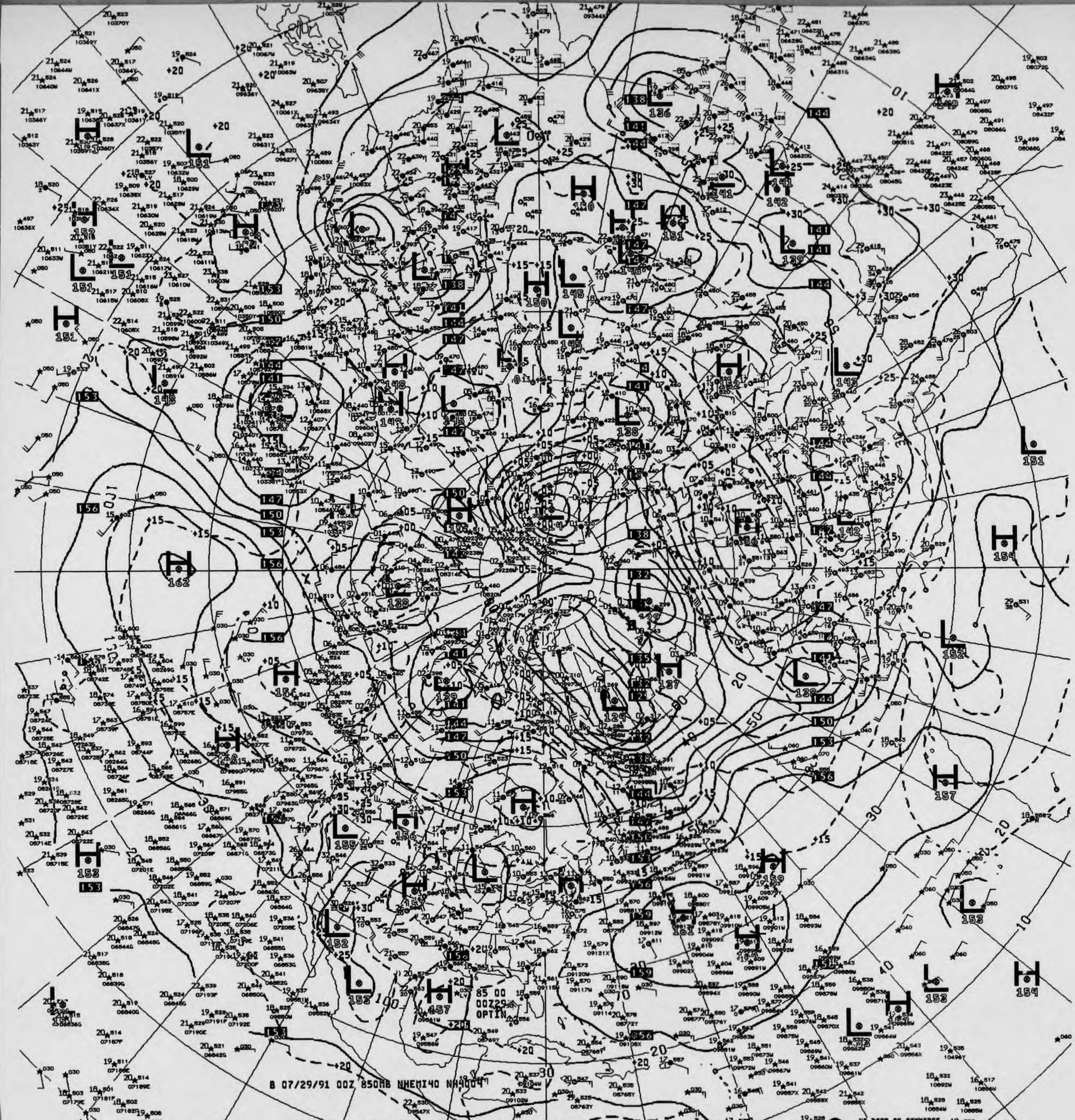
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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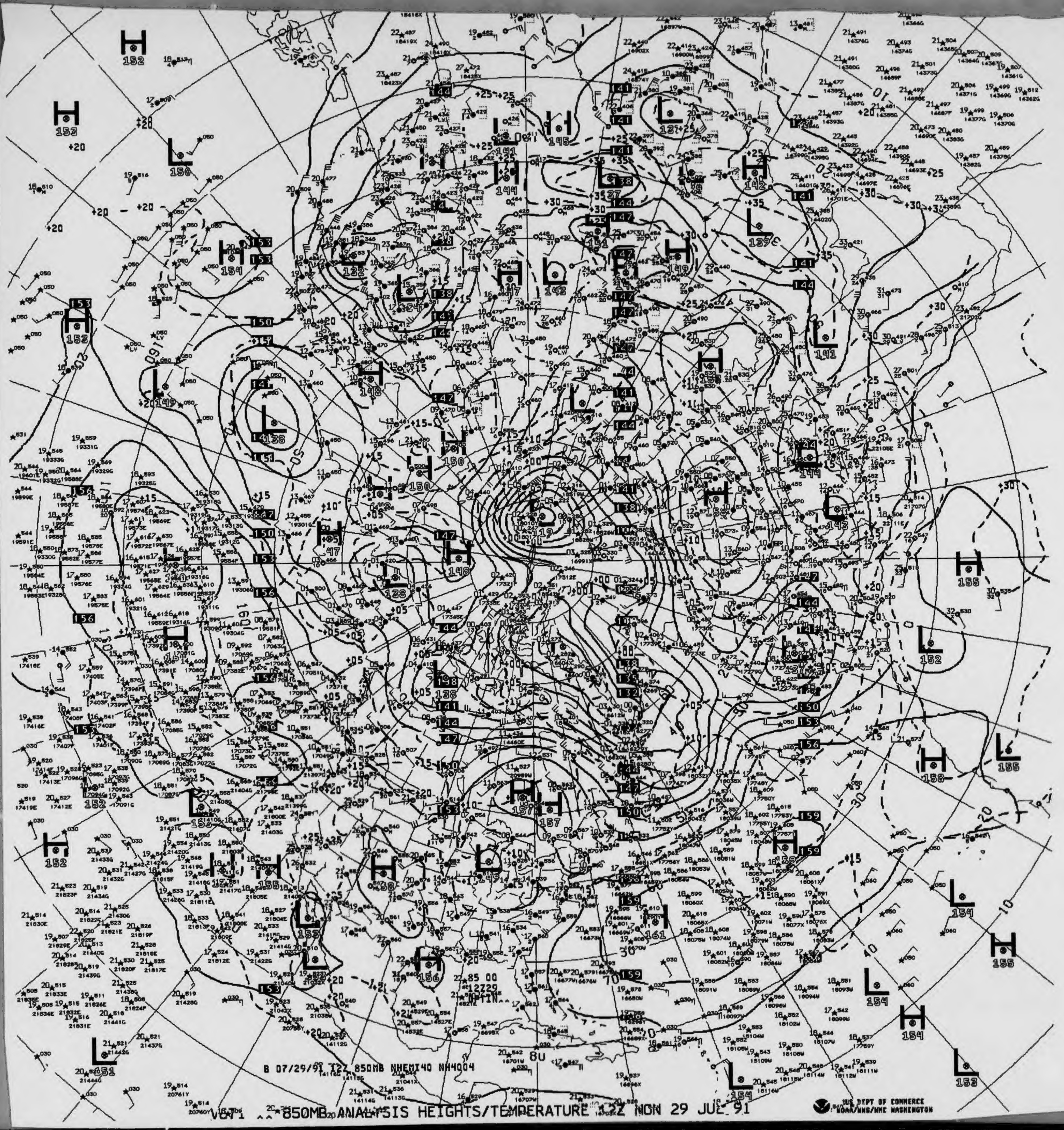
V821 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 29 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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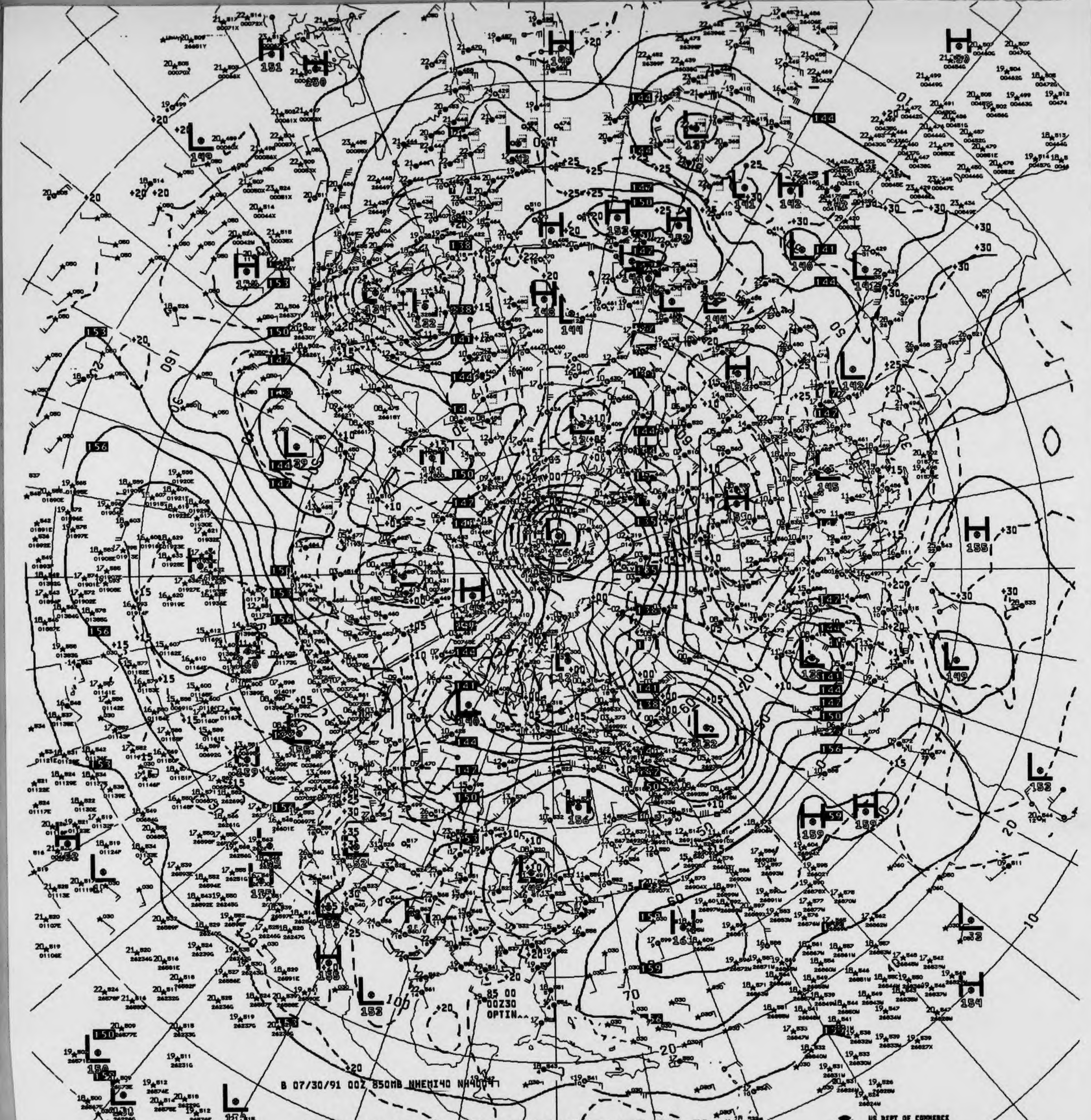
US DEPT OF COMMERCE NOAA/NWS/NMC WASHINGTON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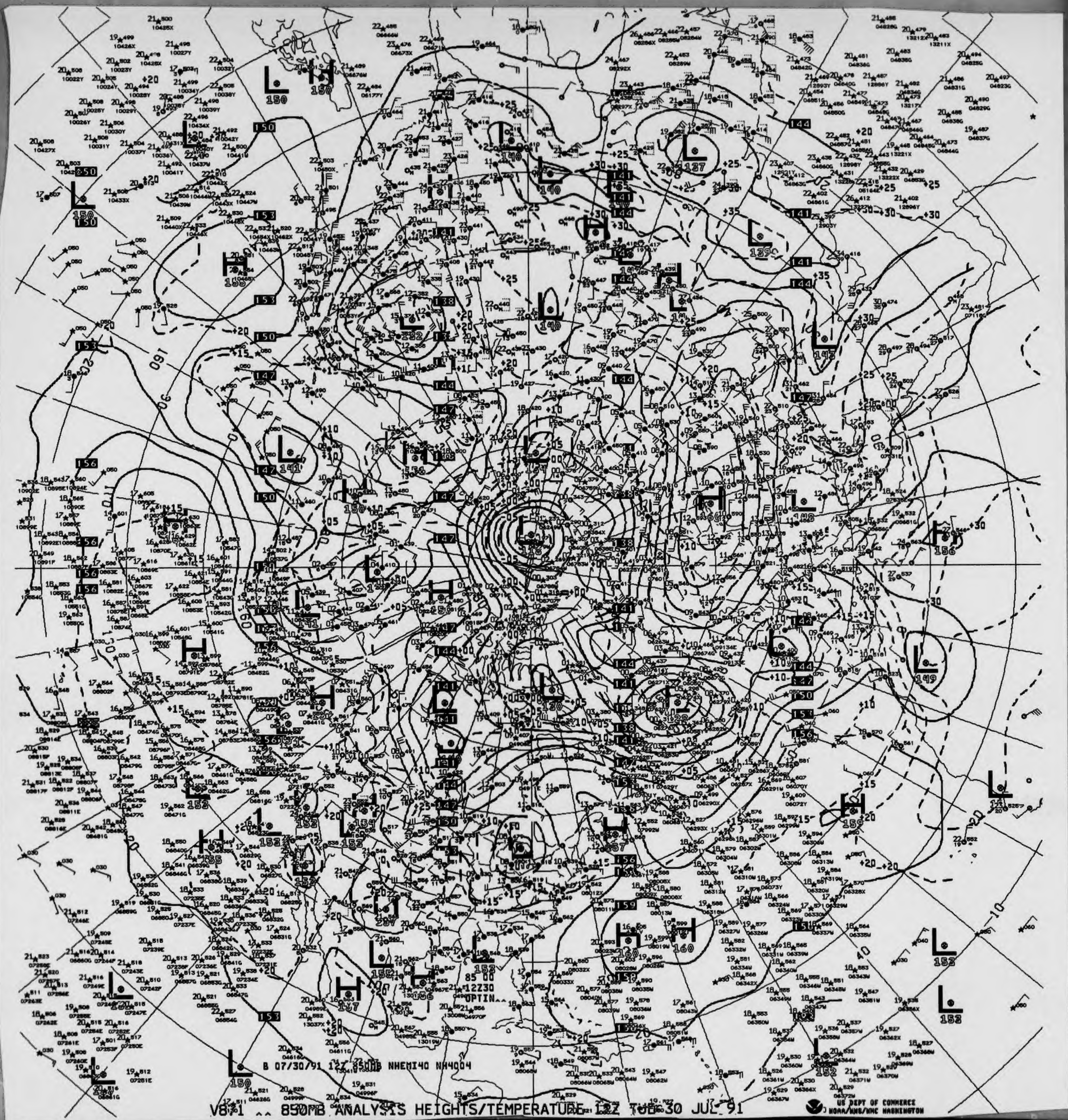
V821 .. 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 30 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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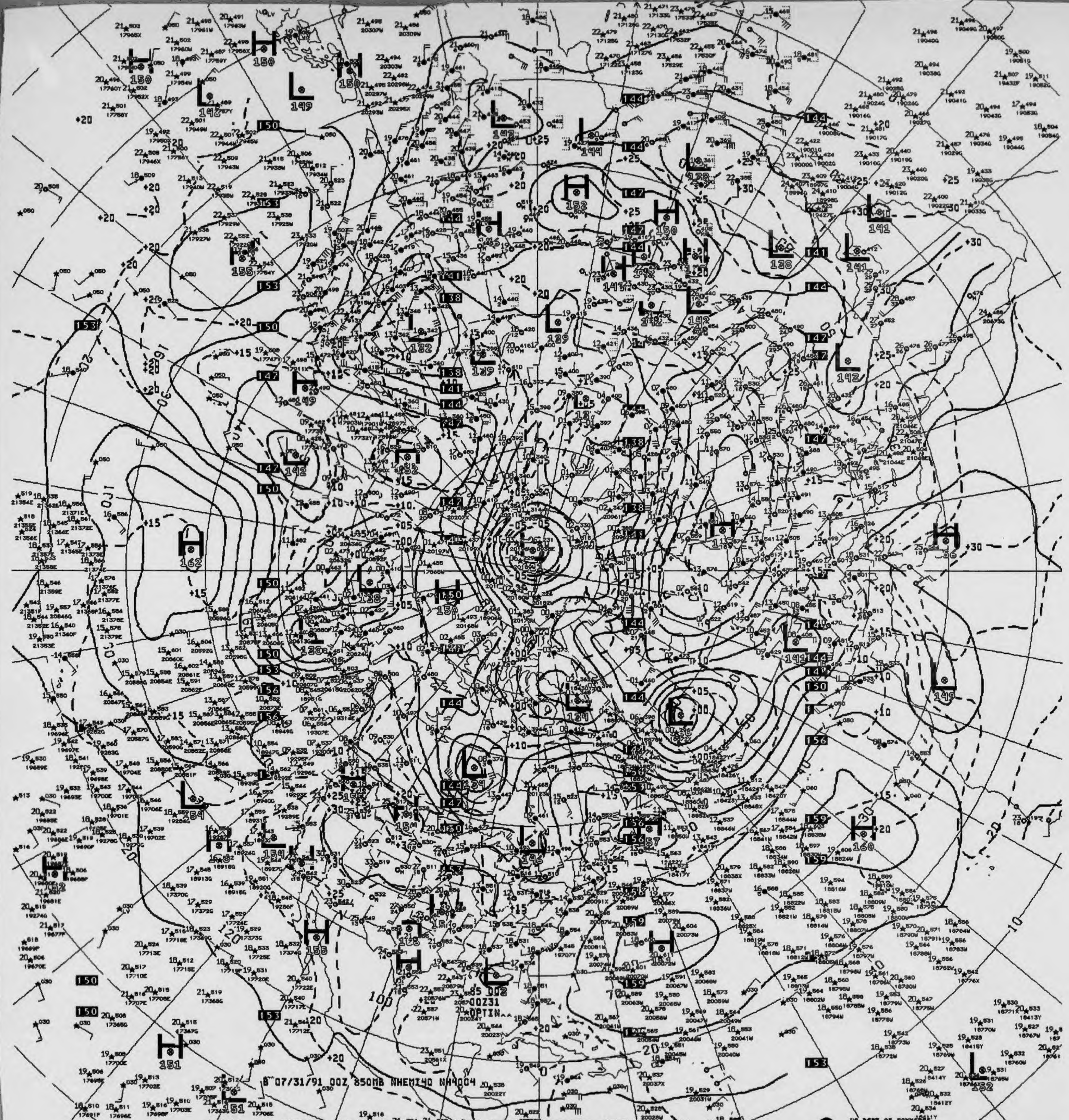
V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 30 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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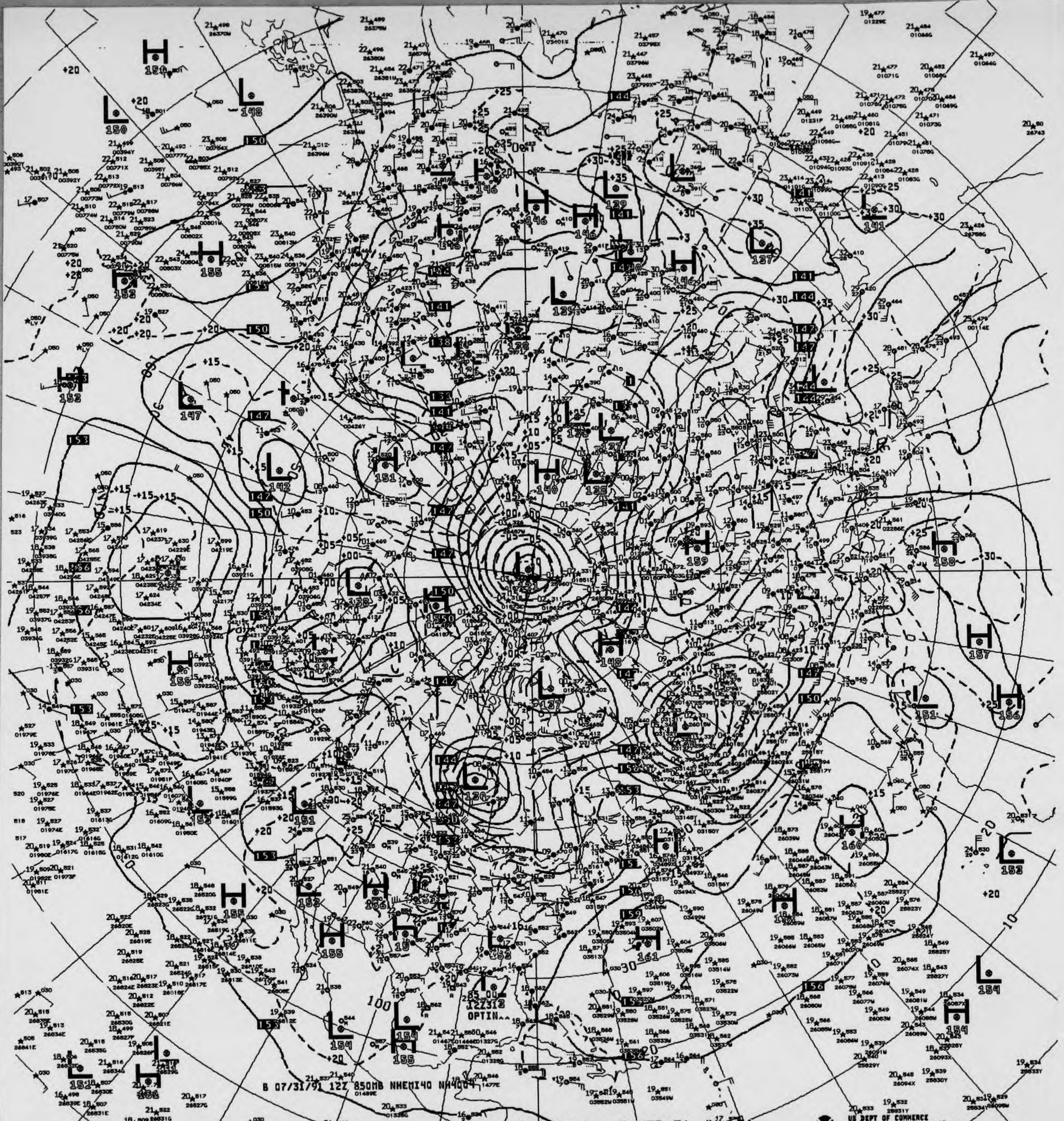
V021 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 31 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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V871 ^^ 850MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 31 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

Rev. 8- 83)

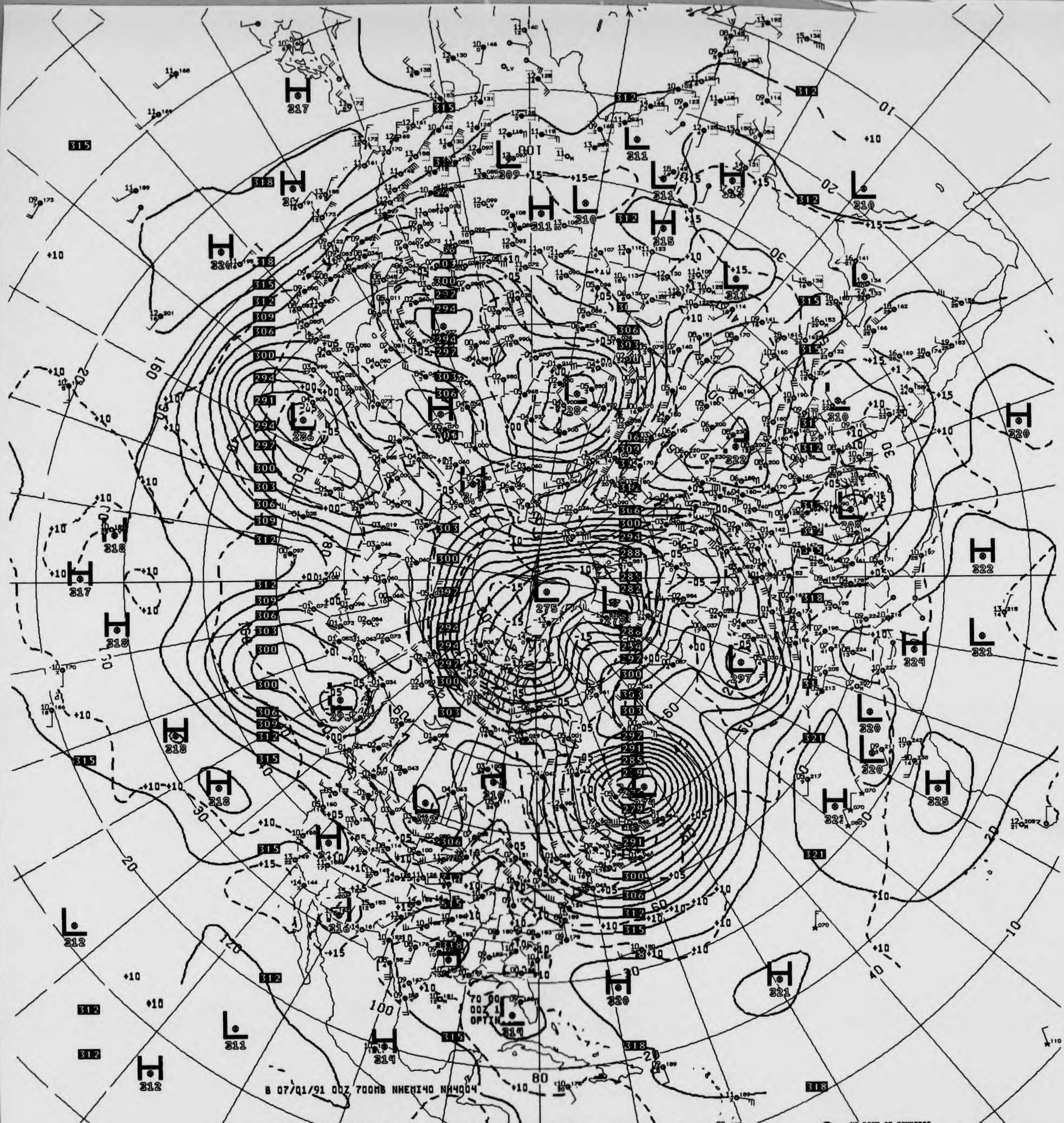
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Ser
National Climatic Data Center

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

700 MB CONSTANT PRESSURE CHARTS

NORTHERN HEMISPHERE NWP

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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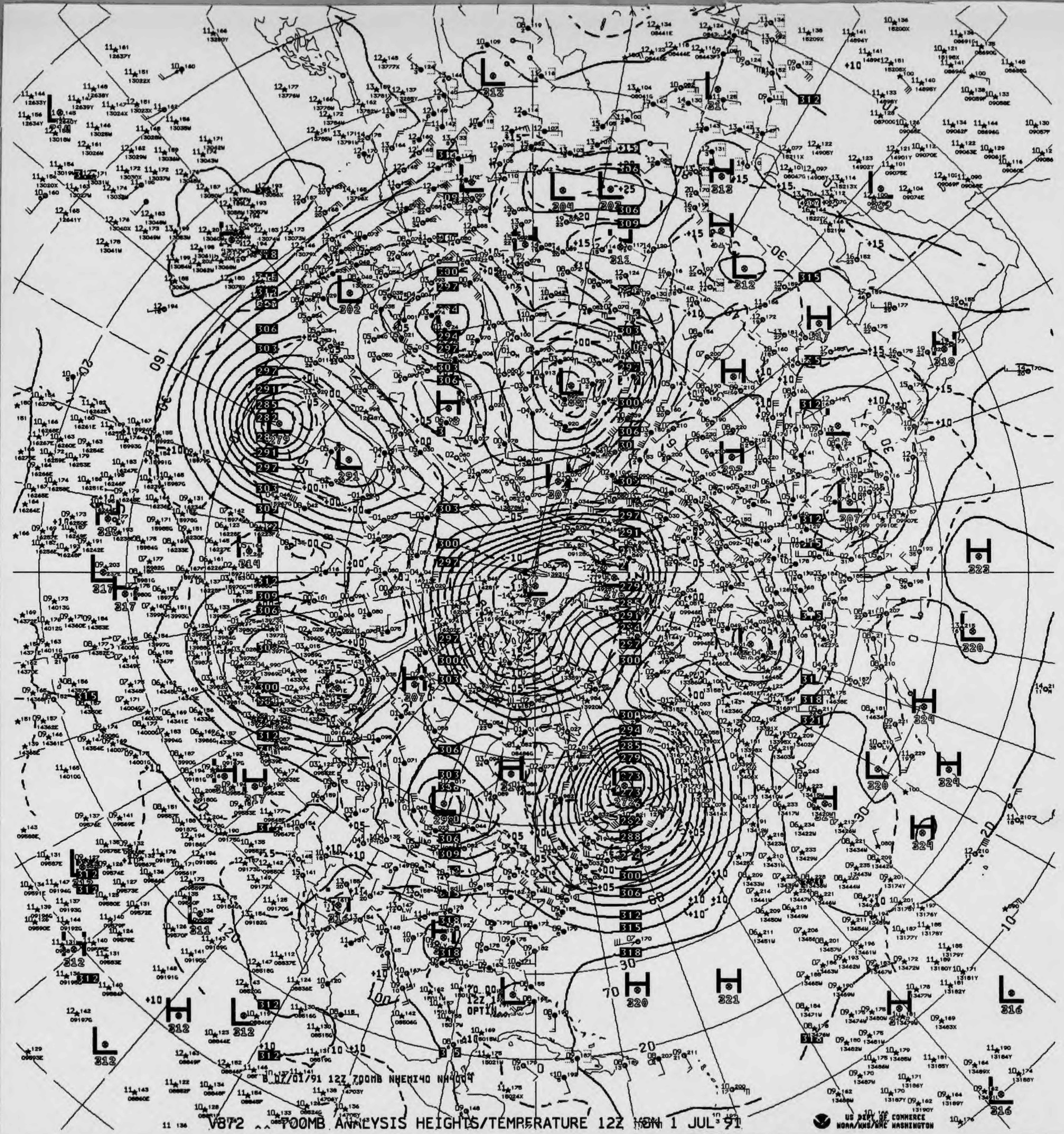
V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 1 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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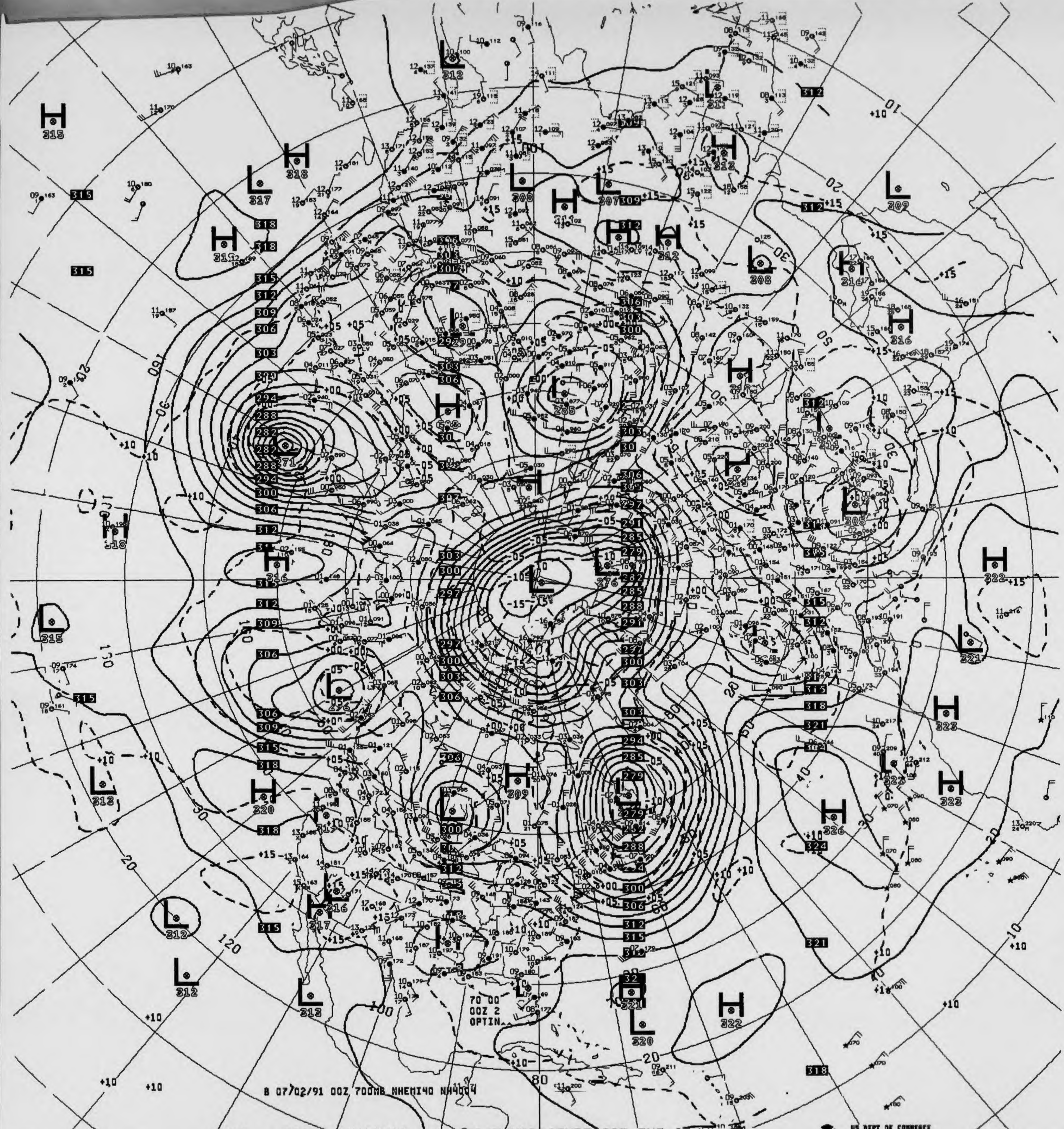
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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70 00
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320
+10
+15
-10
-15
20
30
80
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150
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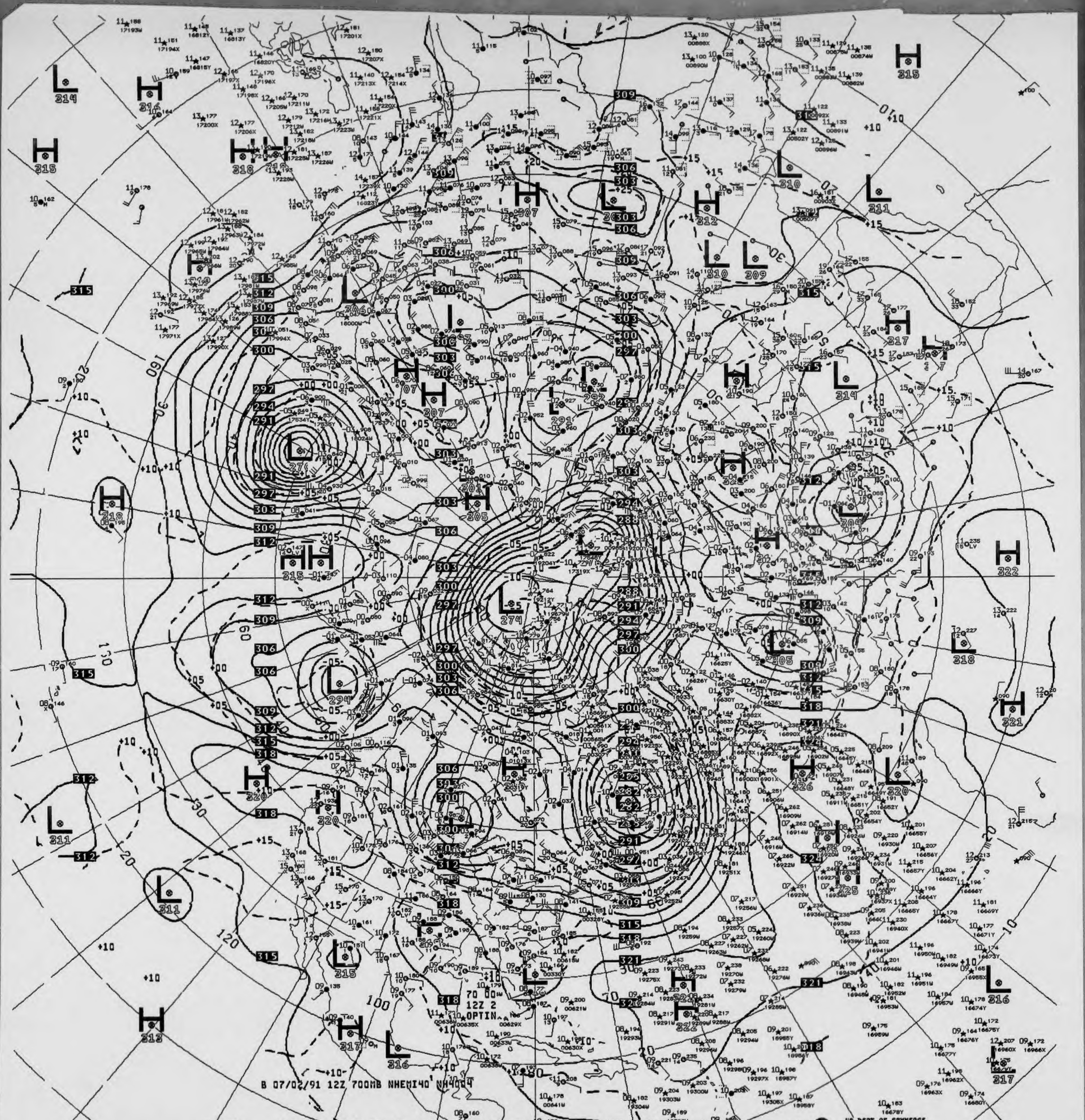
V822 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z ~~TUE~~ 2 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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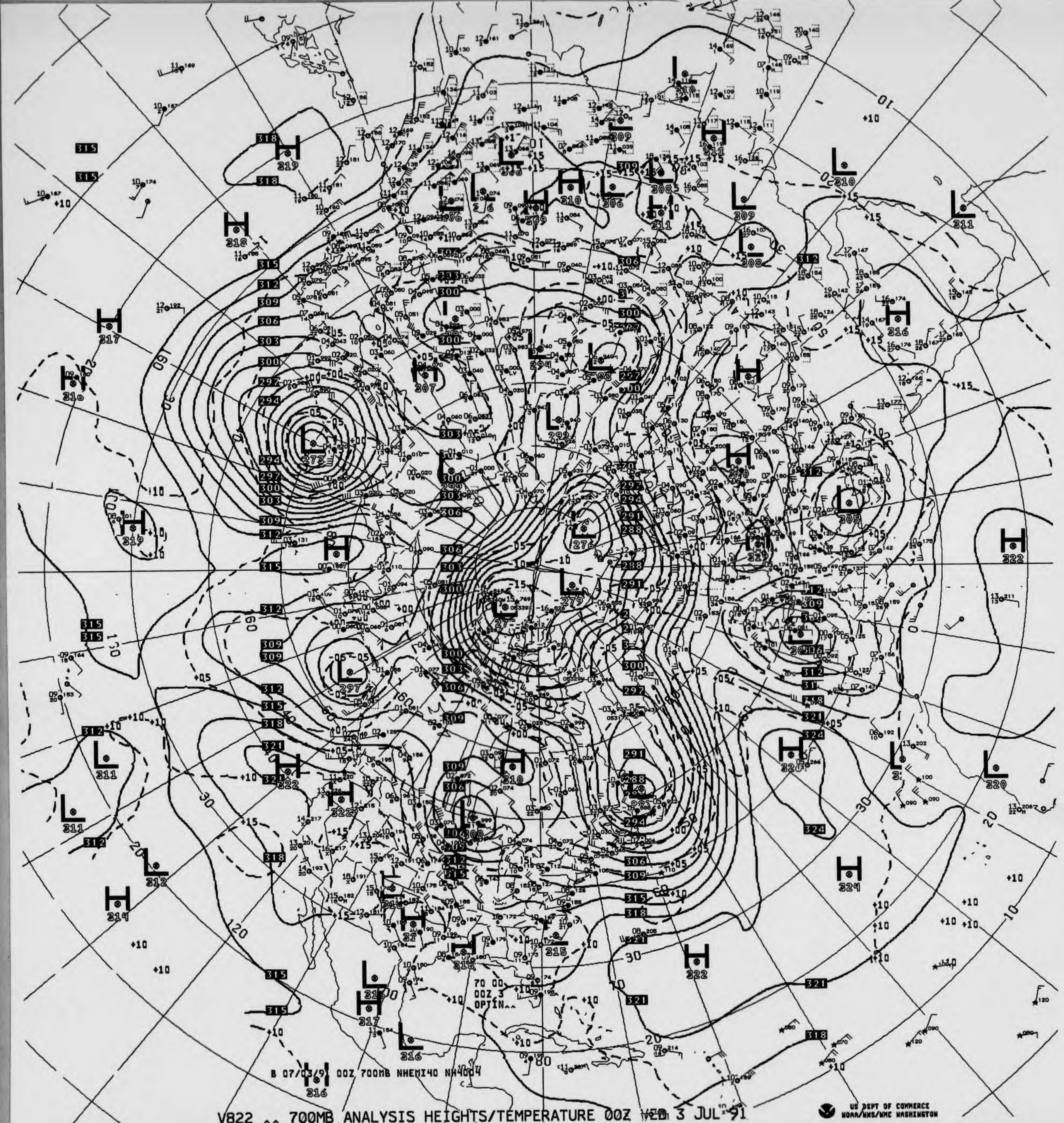
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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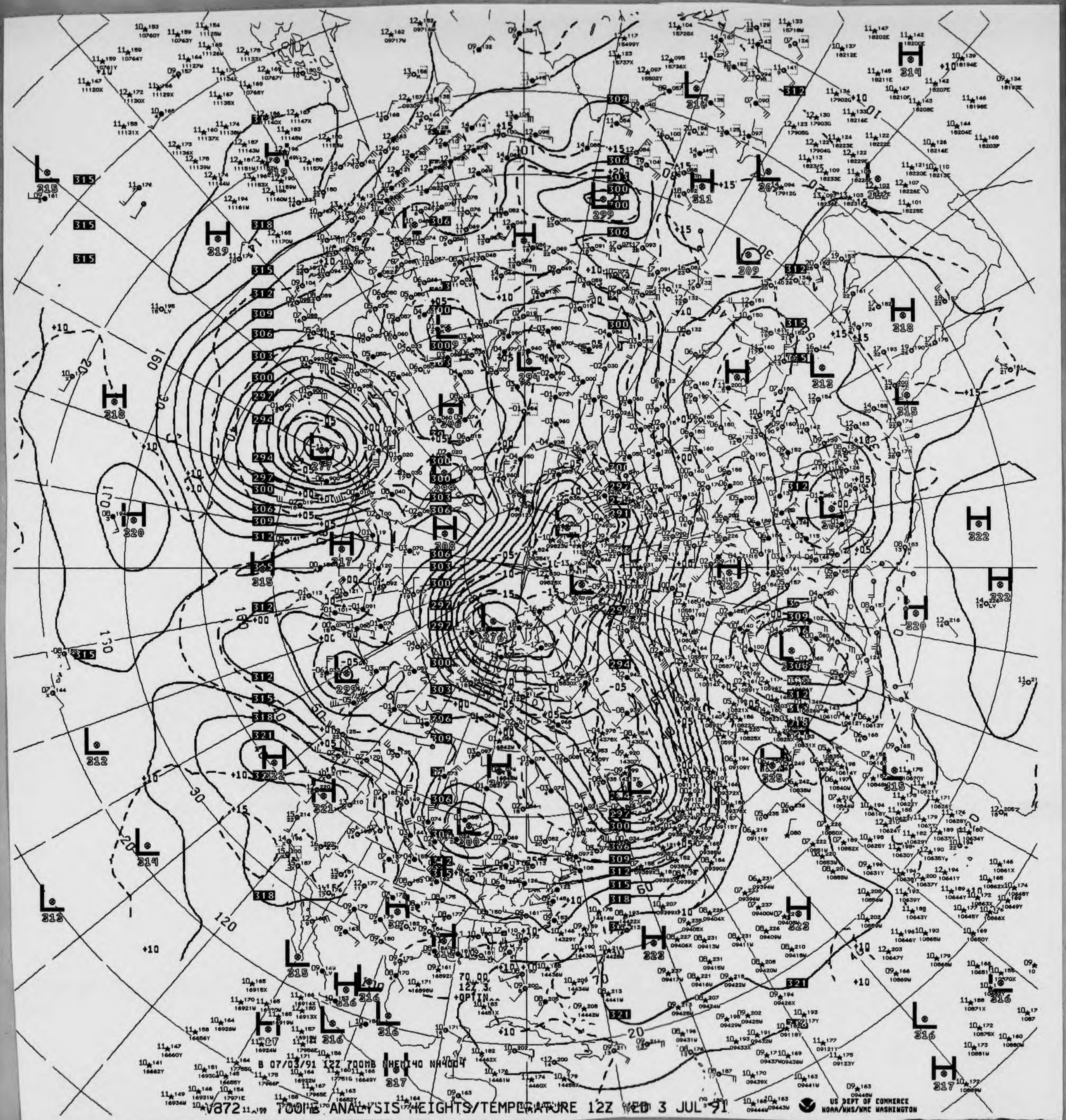
V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 3 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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70.00
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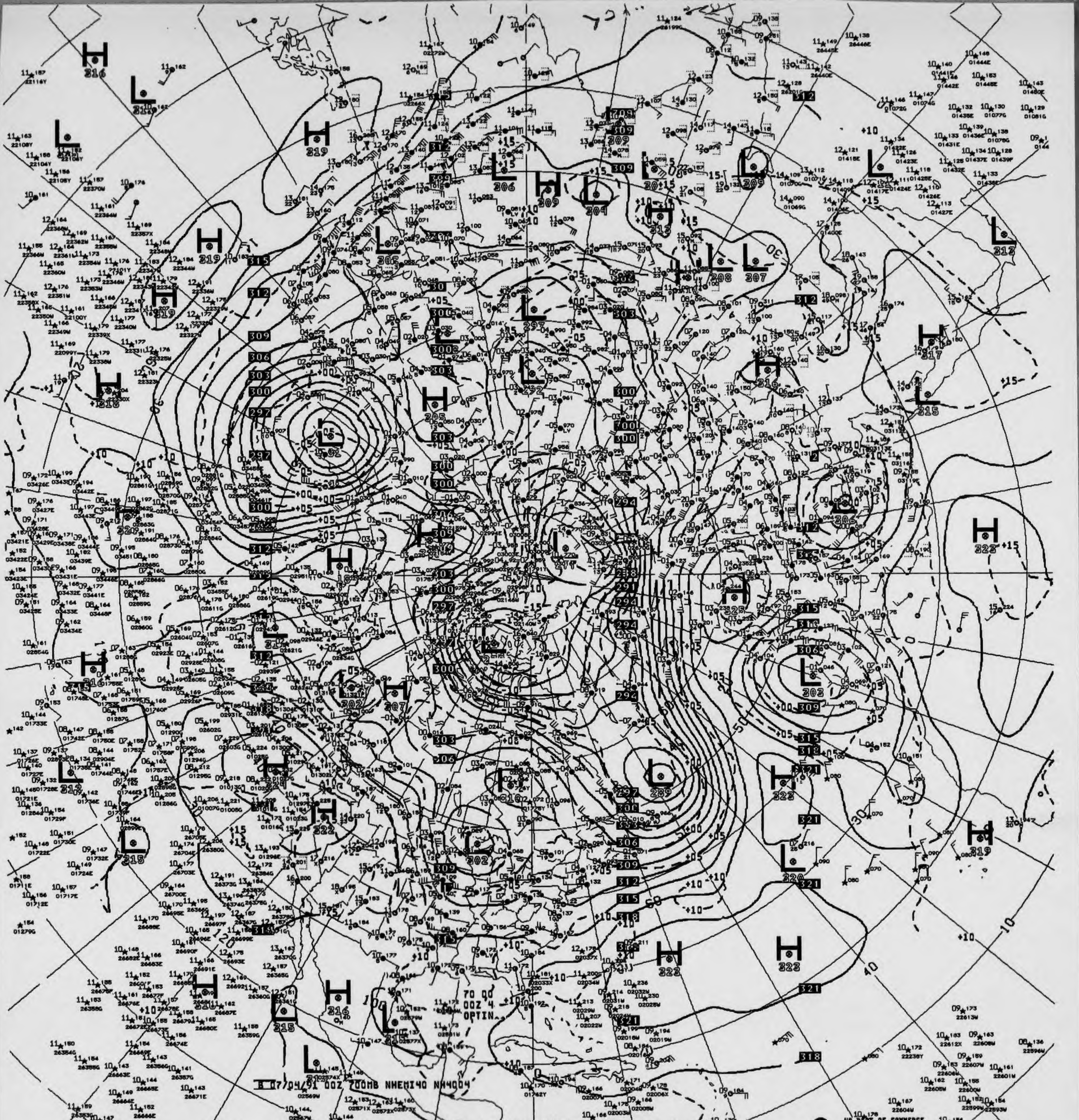
+OPTIN

V872 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 3 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


8 07/04/91 00Z 700MB NHEMI40 NH4004
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00Z 4
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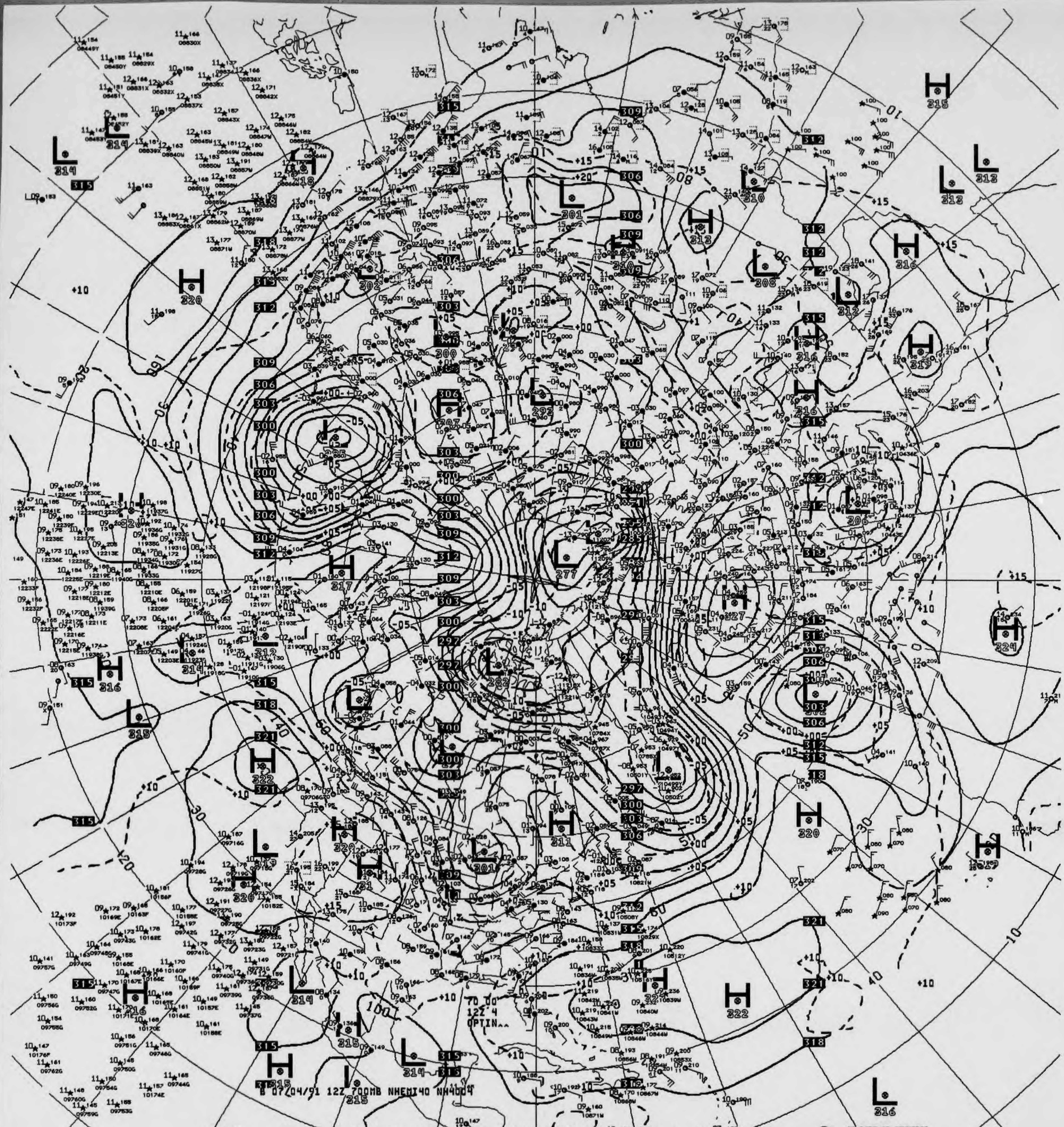
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V822 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 4 JUL 91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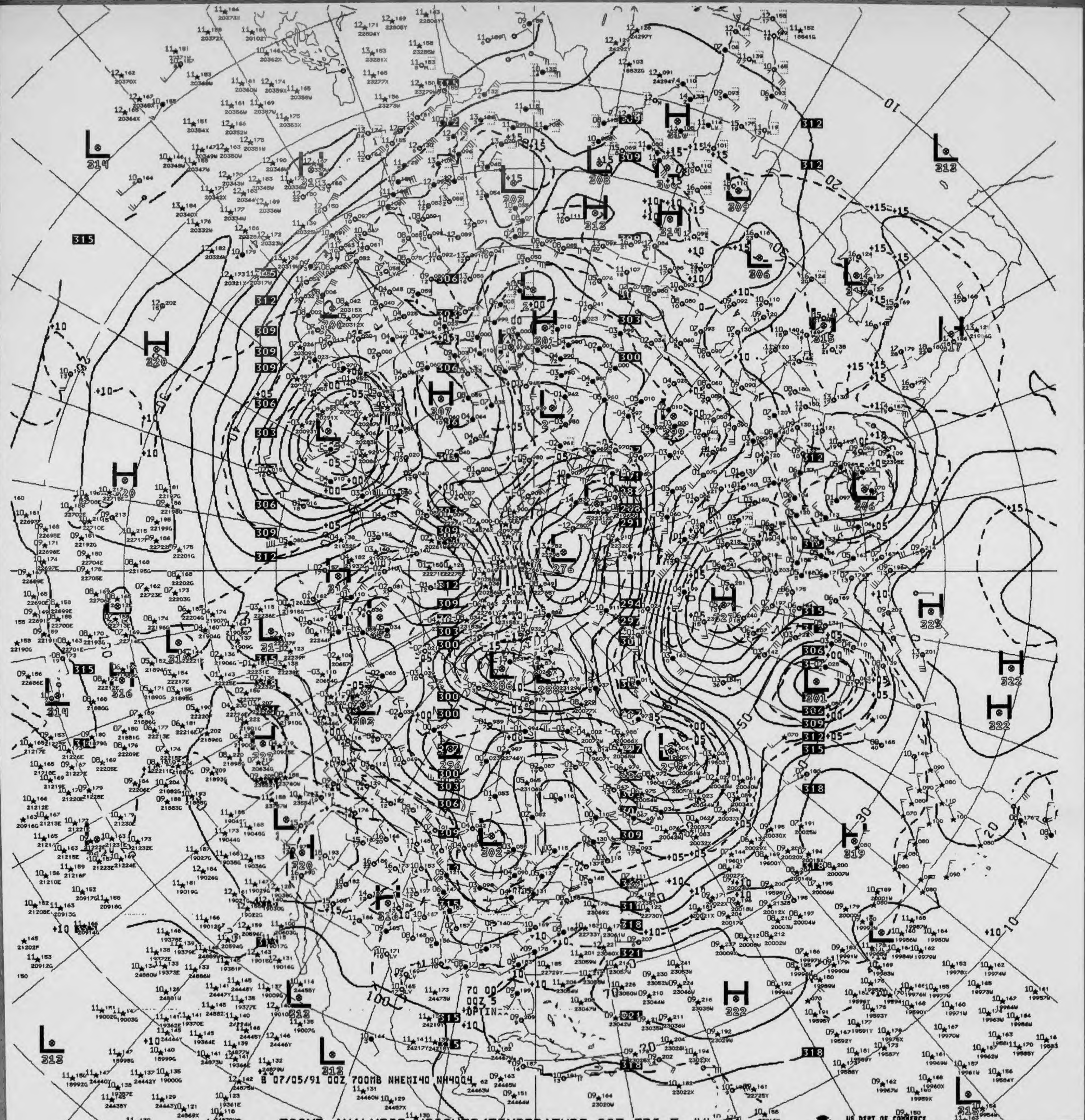
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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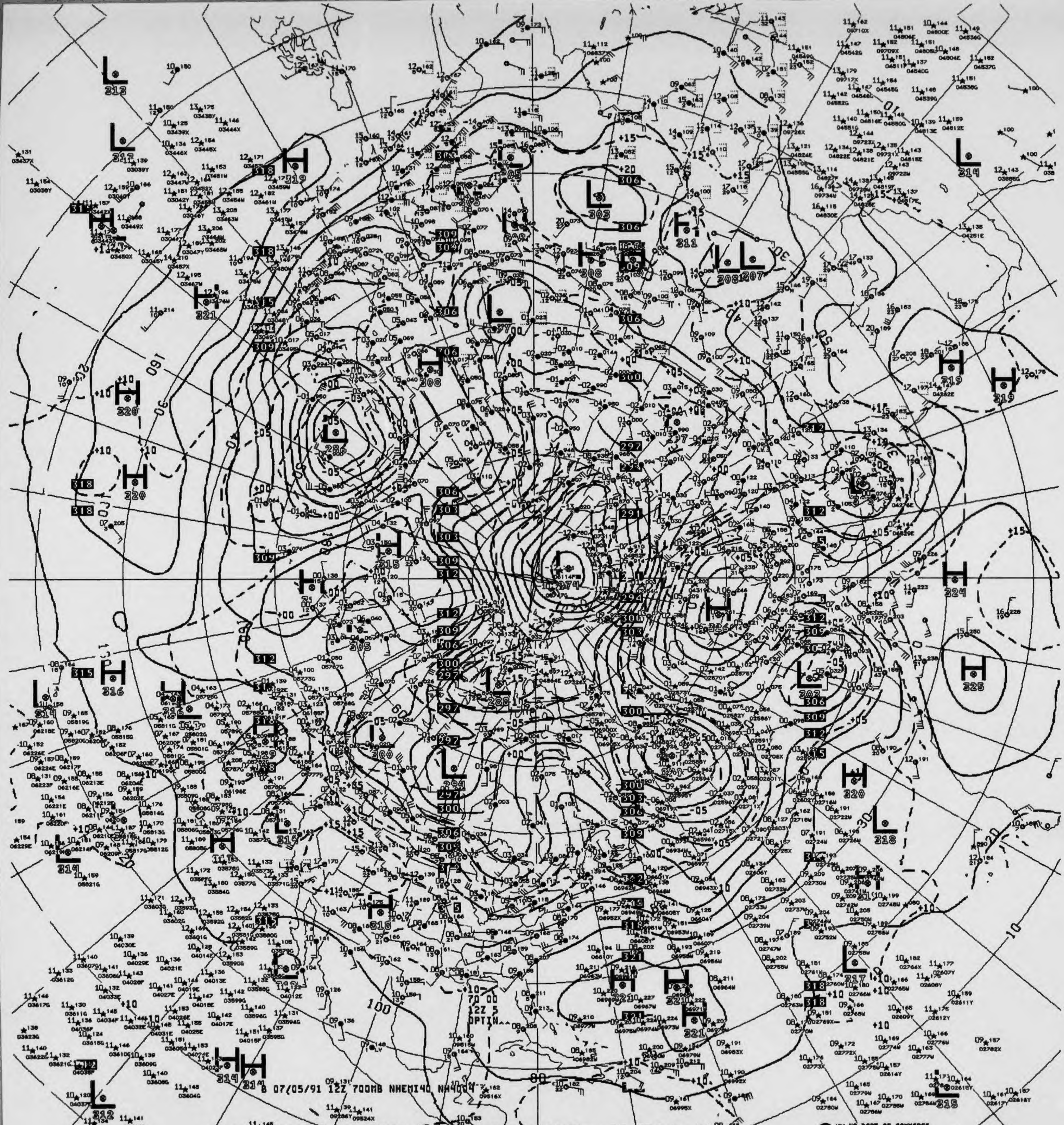
V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 5 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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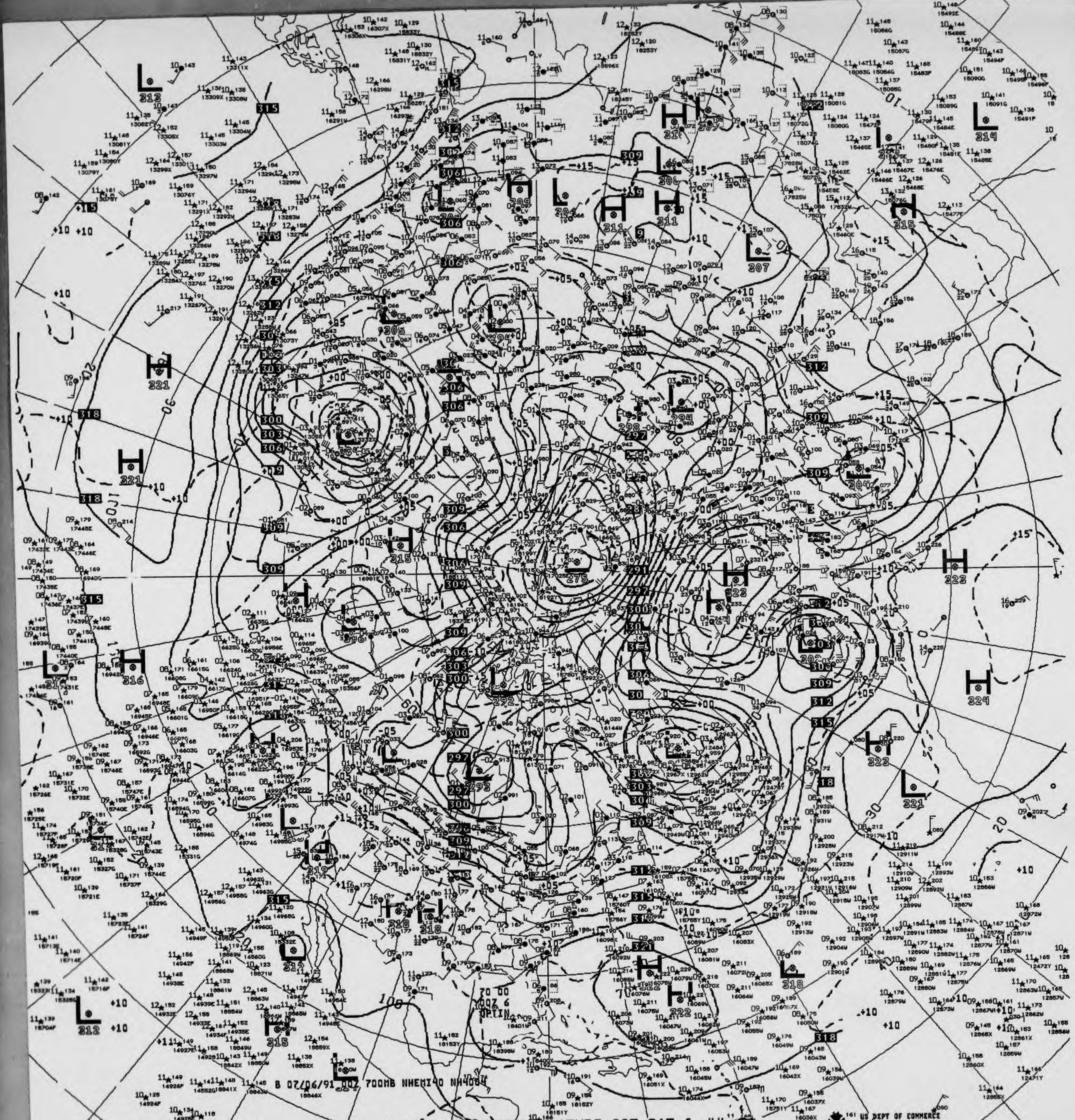
V872 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 5 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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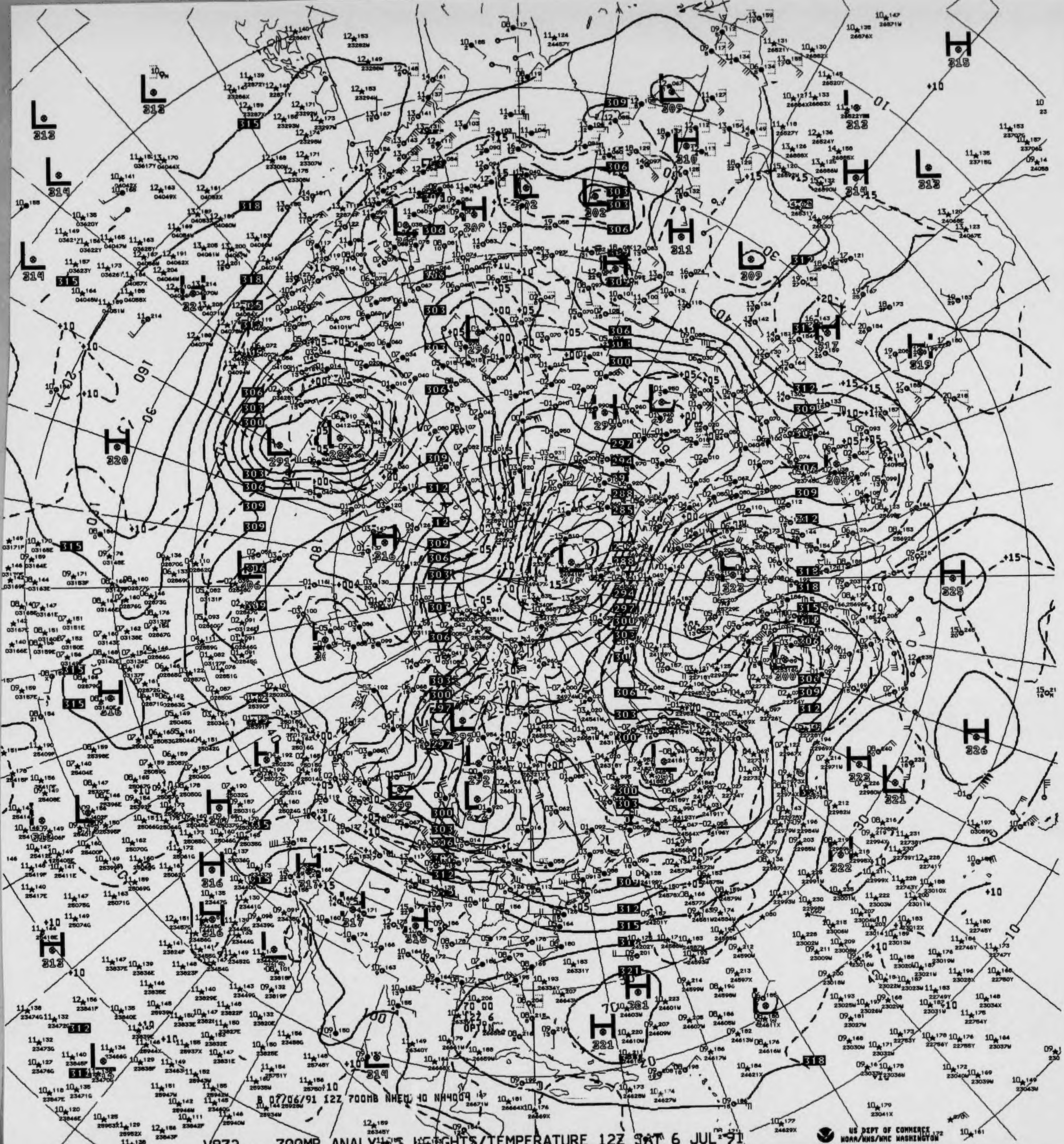
V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 6 JUL 71

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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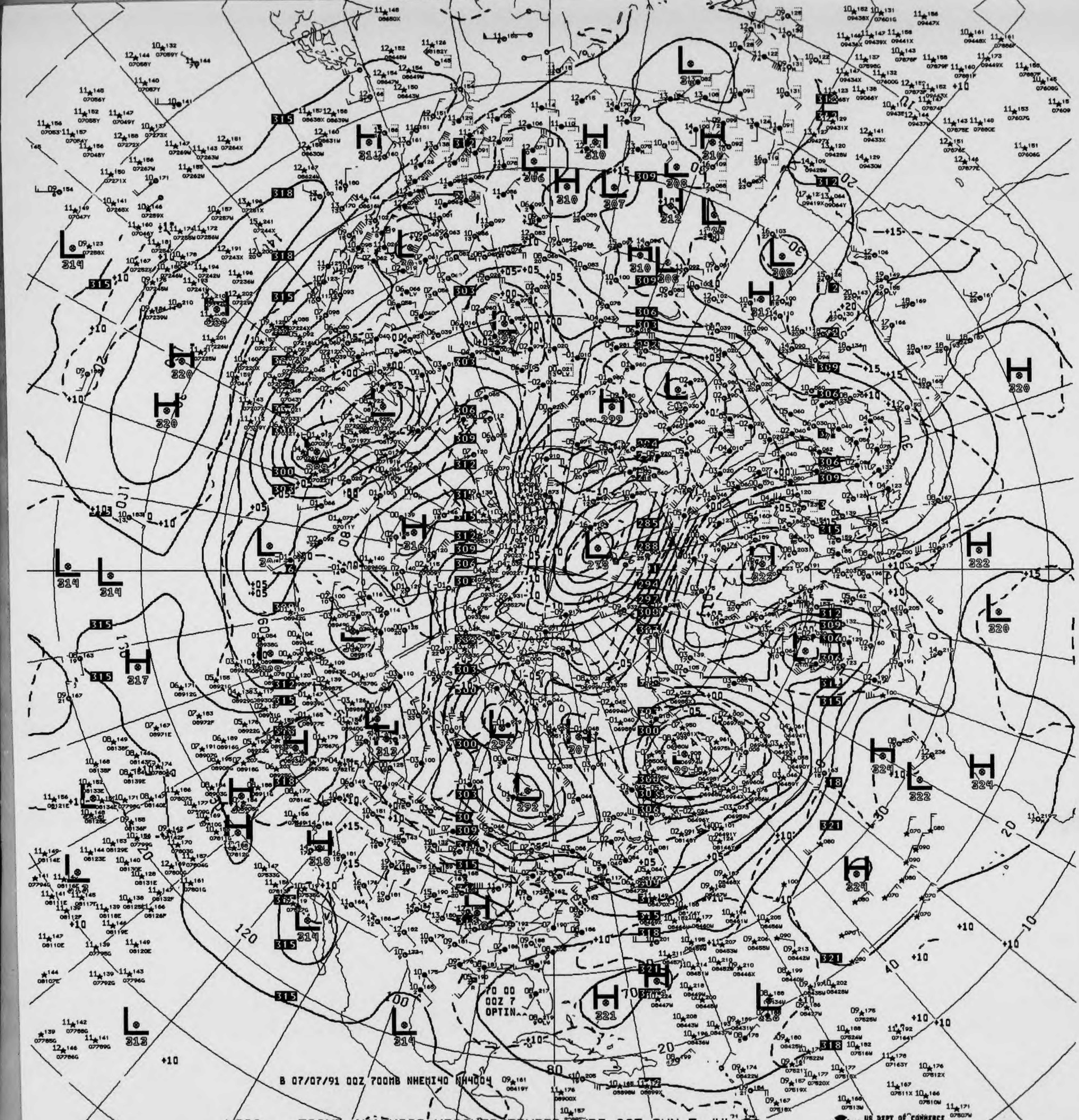
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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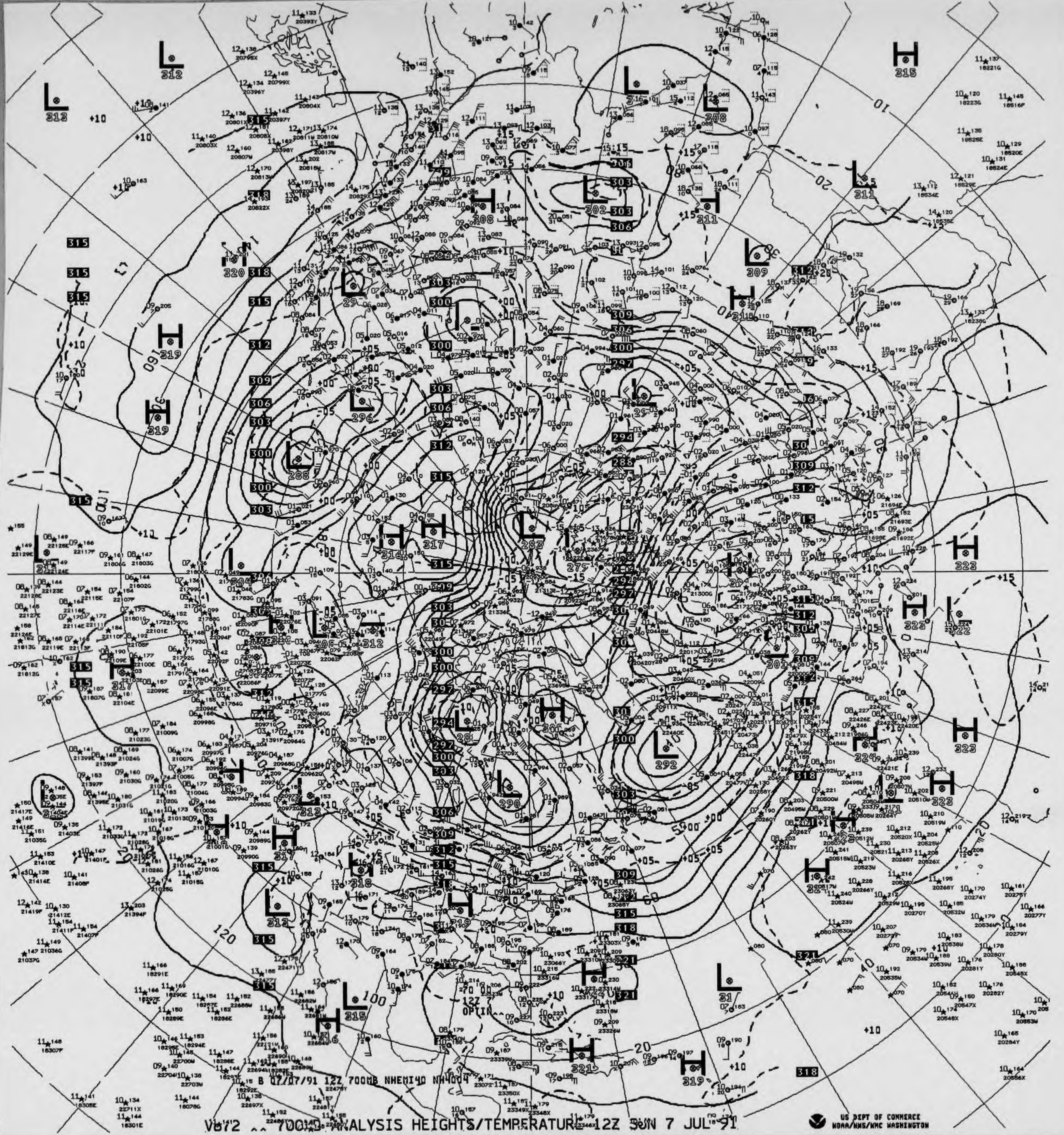
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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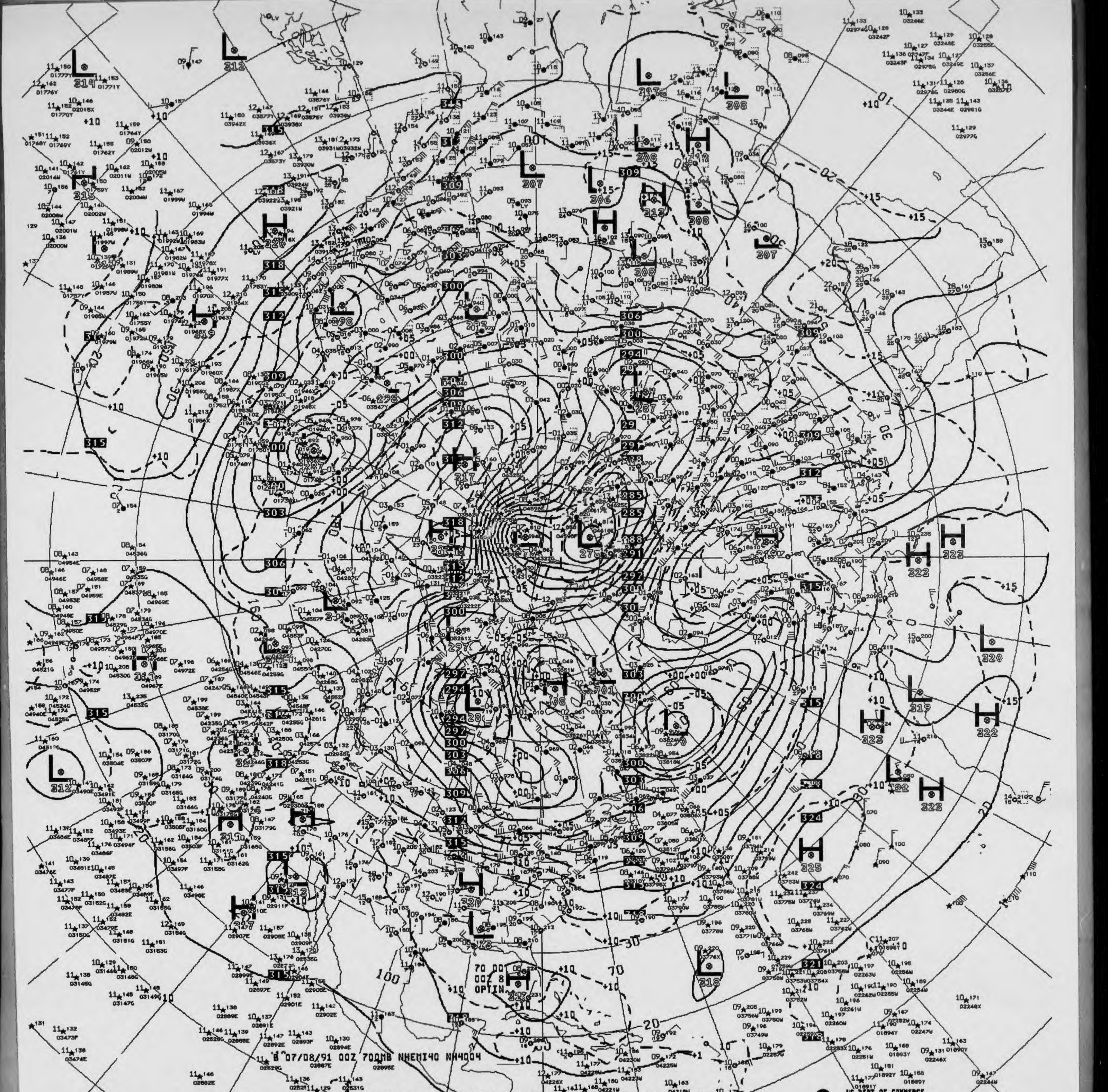
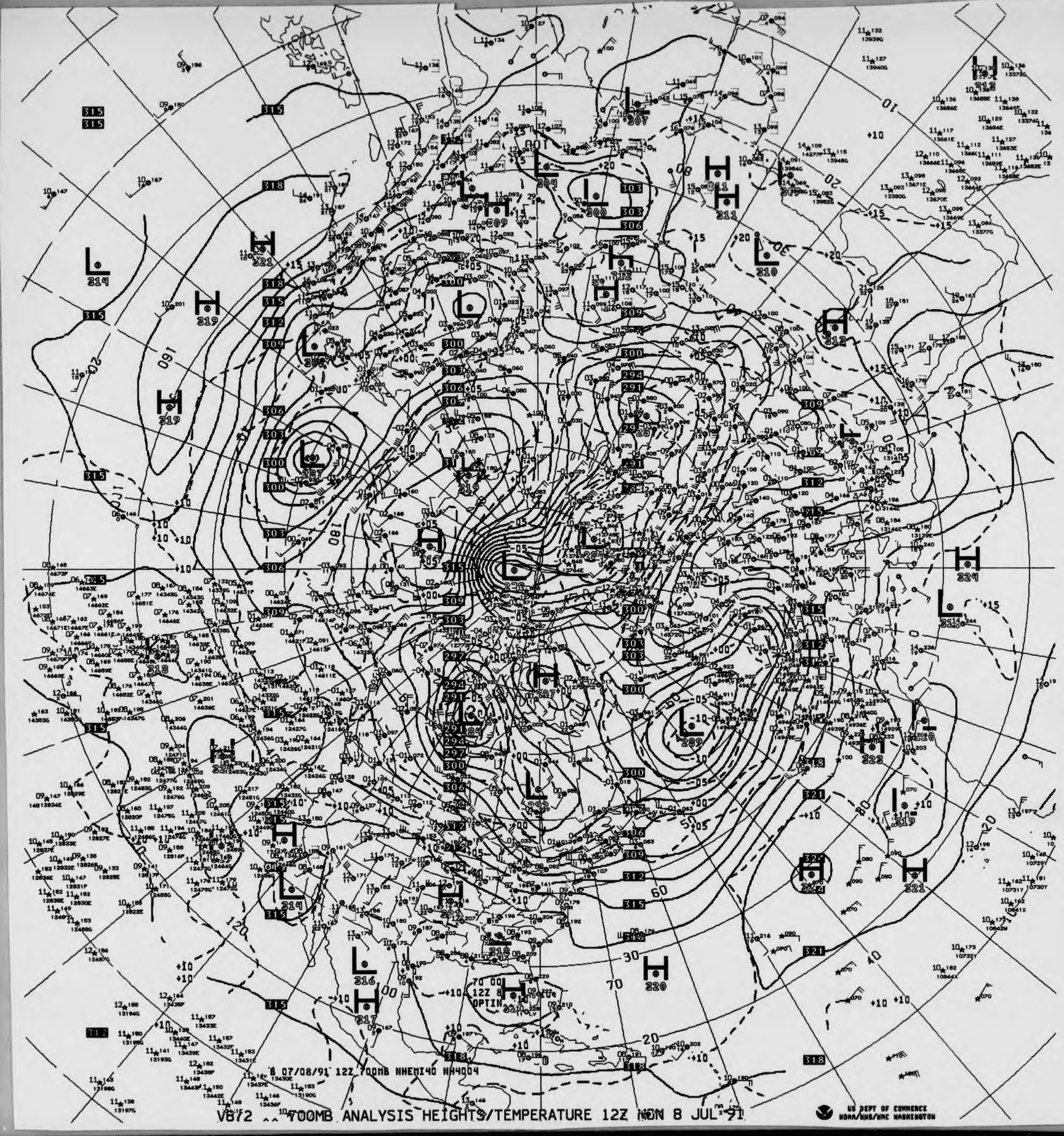
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/08/91 00Z 700MB NHEMI40 NH4004

V822 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 8 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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8 07/08/91 12Z 700MB NHEMI40 NH4004

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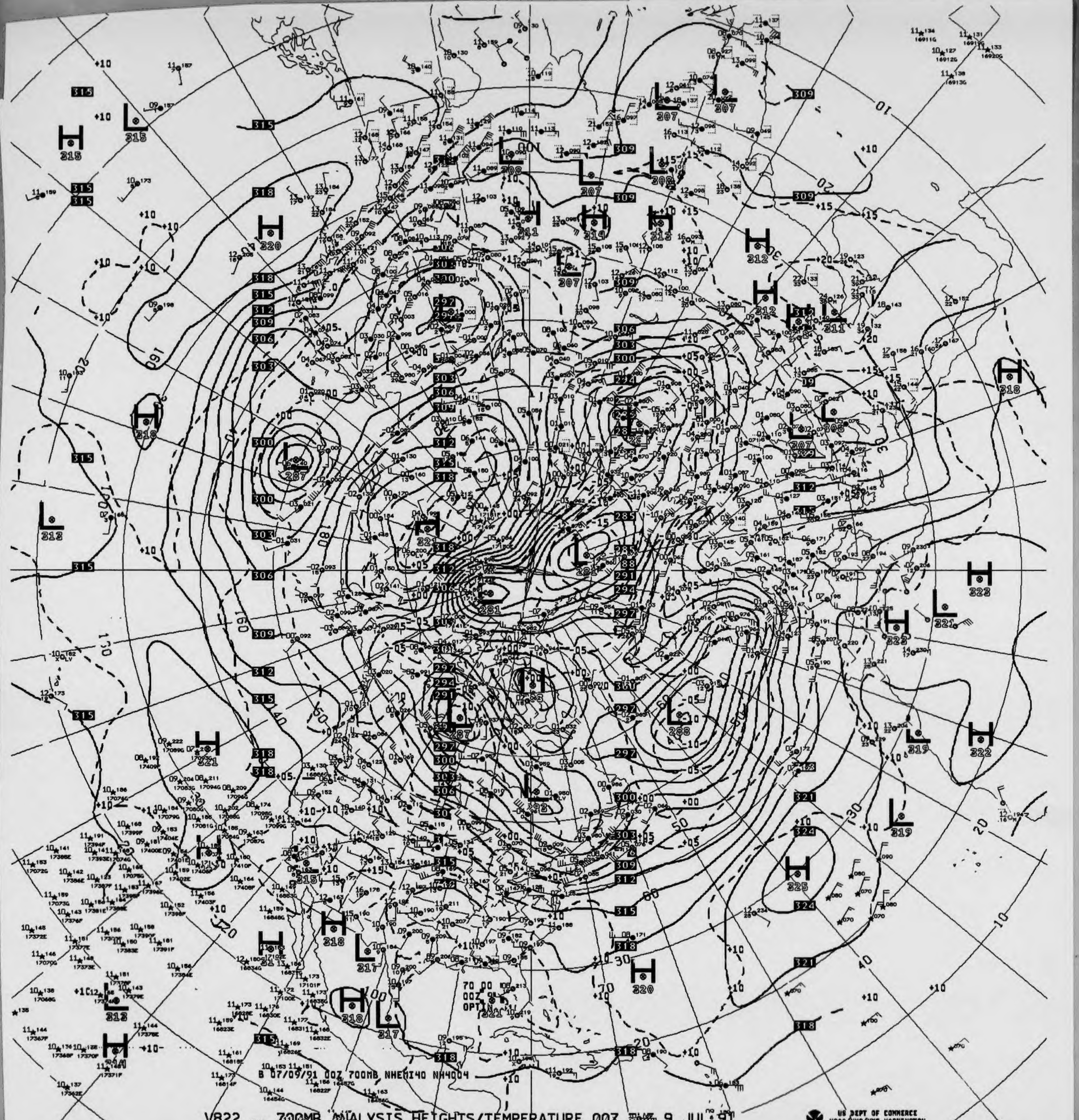
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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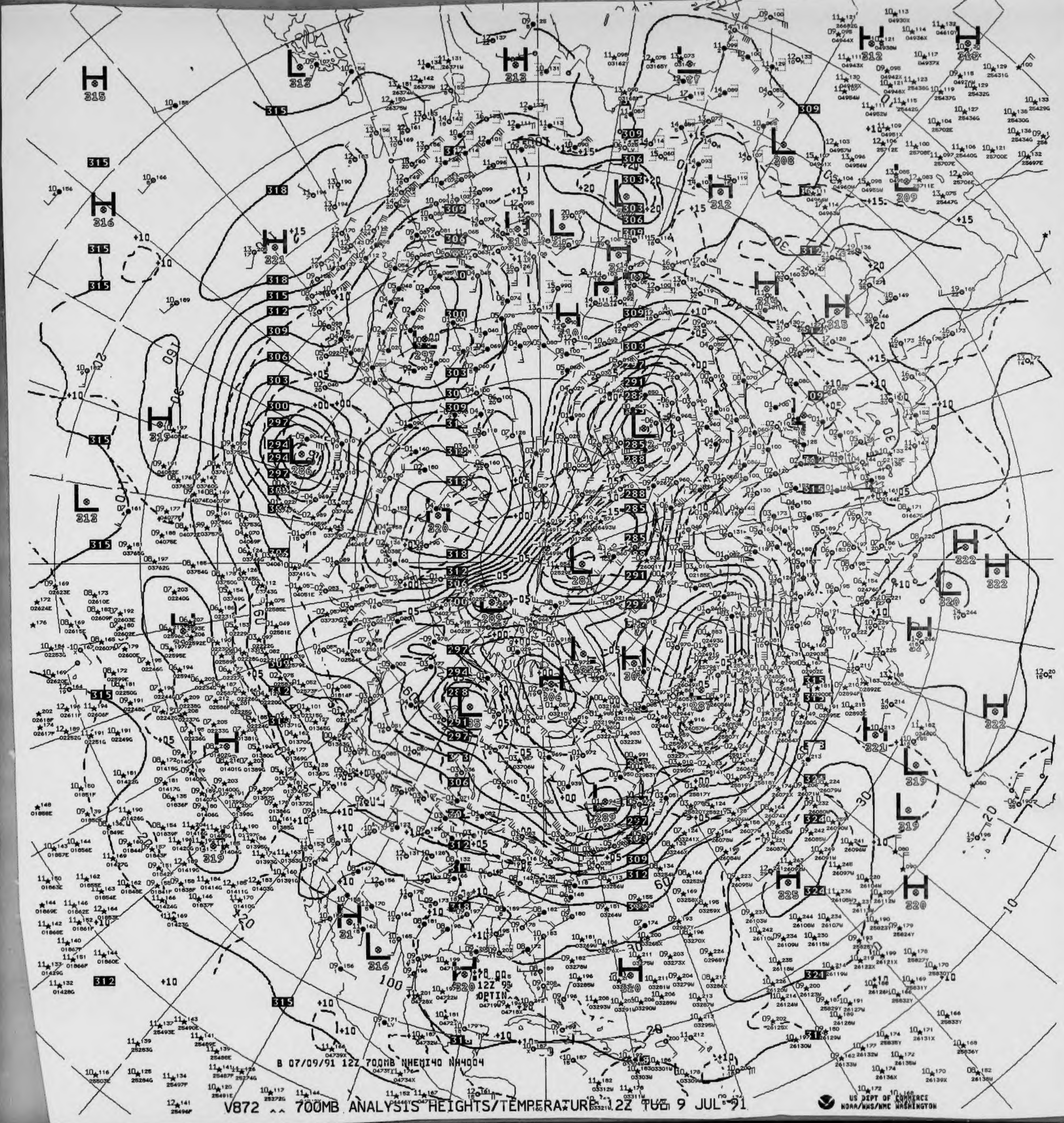
V822 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 9 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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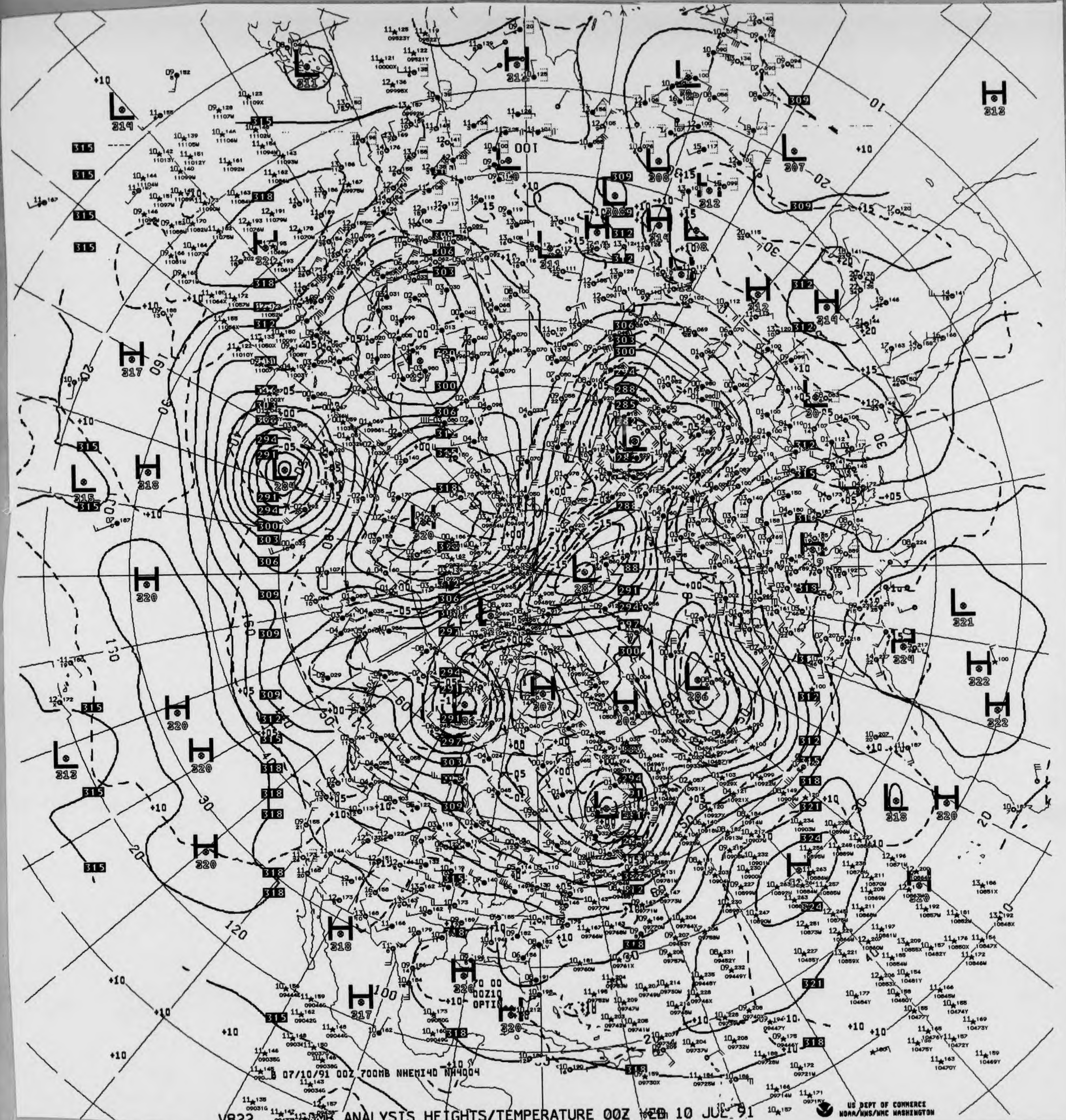
V872 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 9 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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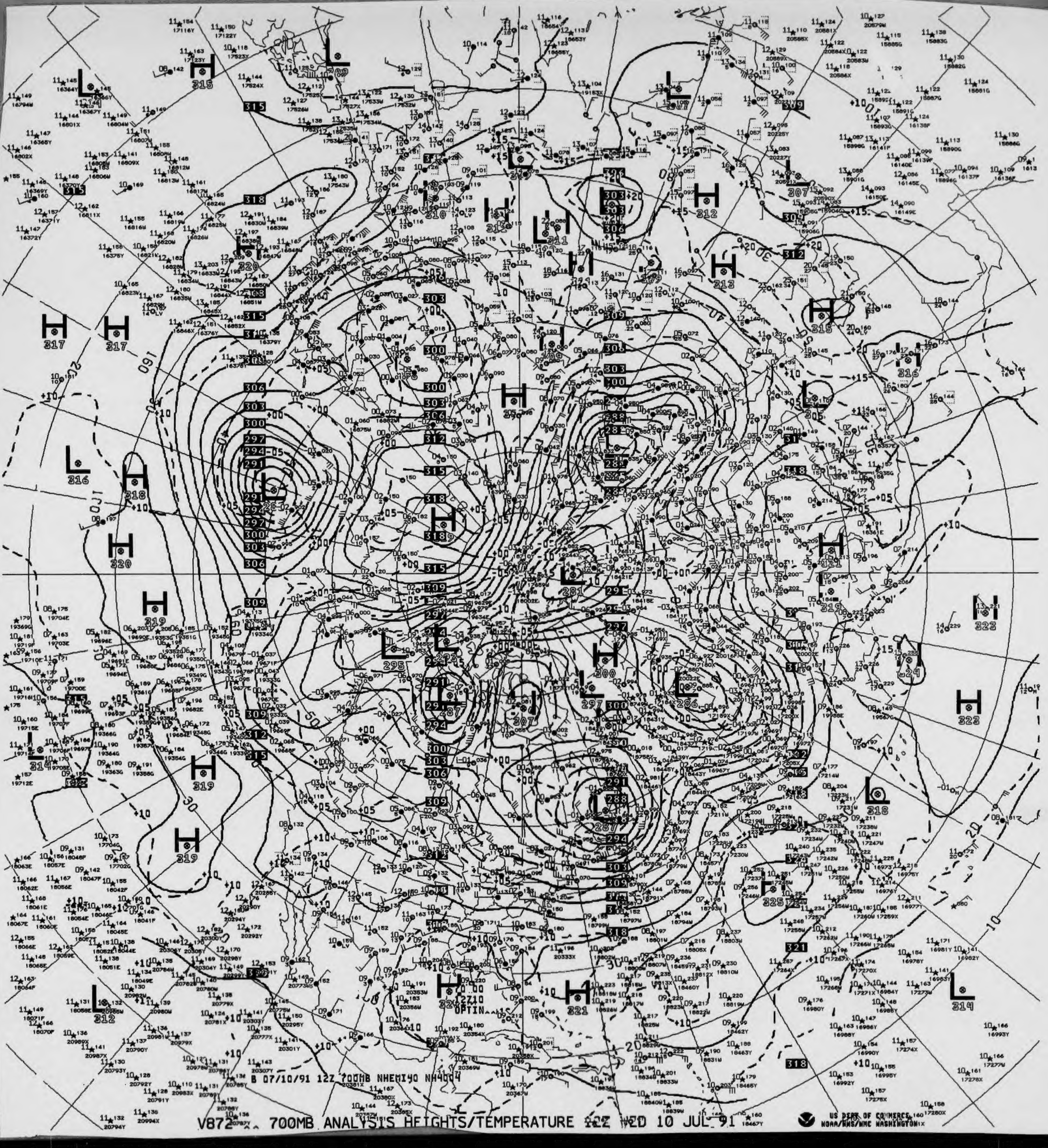
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V822 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 10 JUL 91



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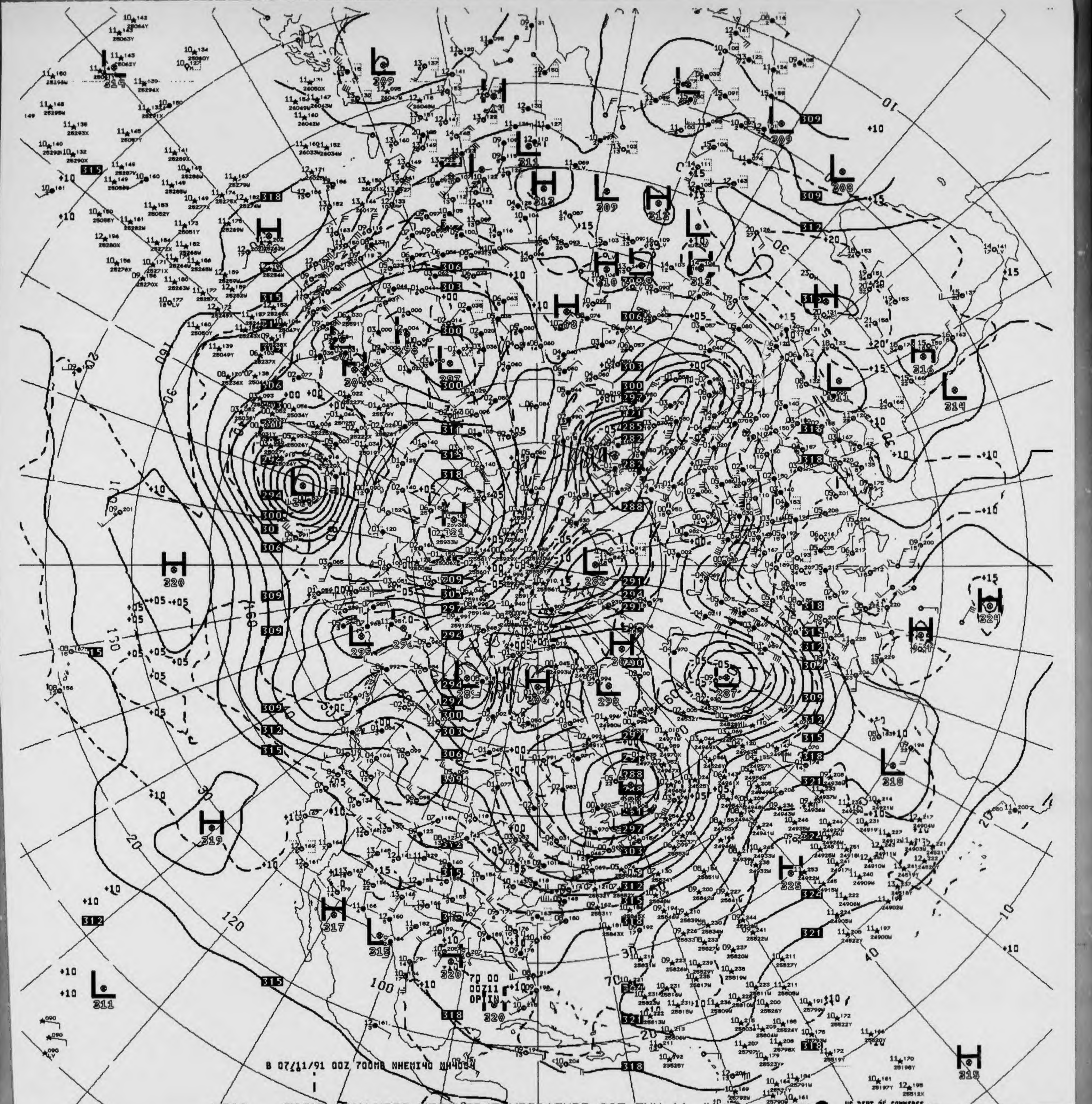
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V872 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 10 JUL 91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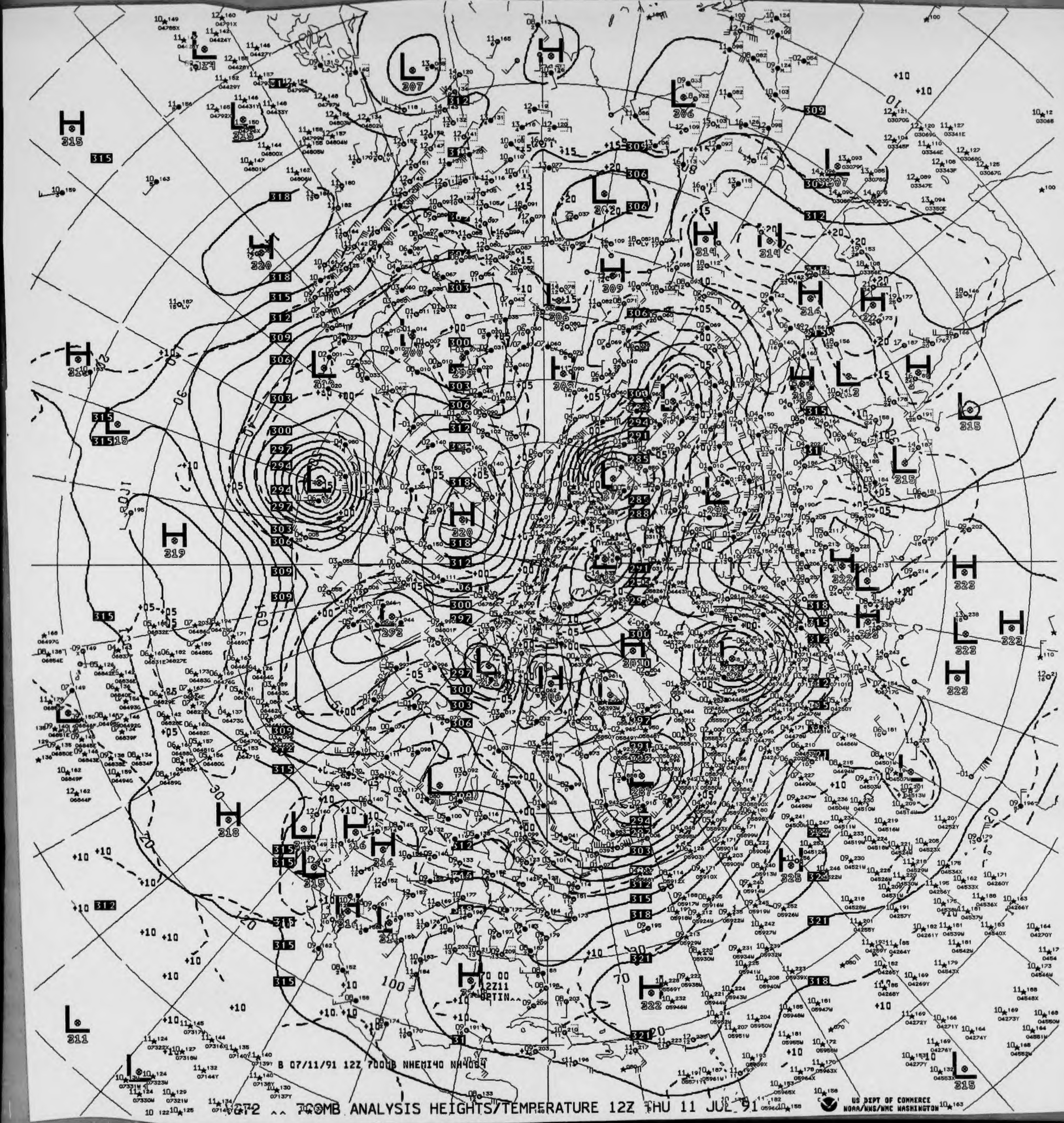
V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 11 JUL 91

US DEPT OF COMMERCE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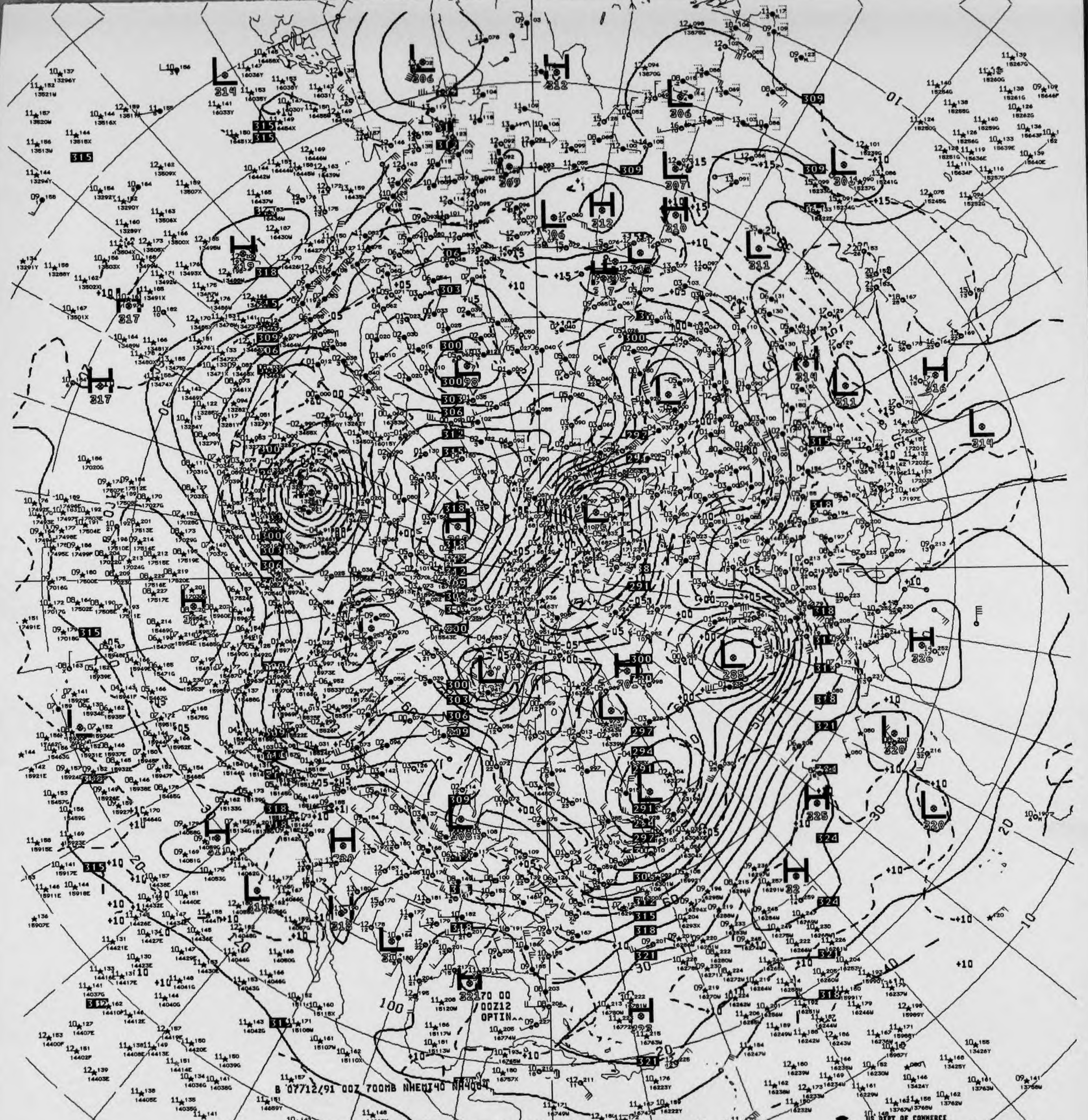
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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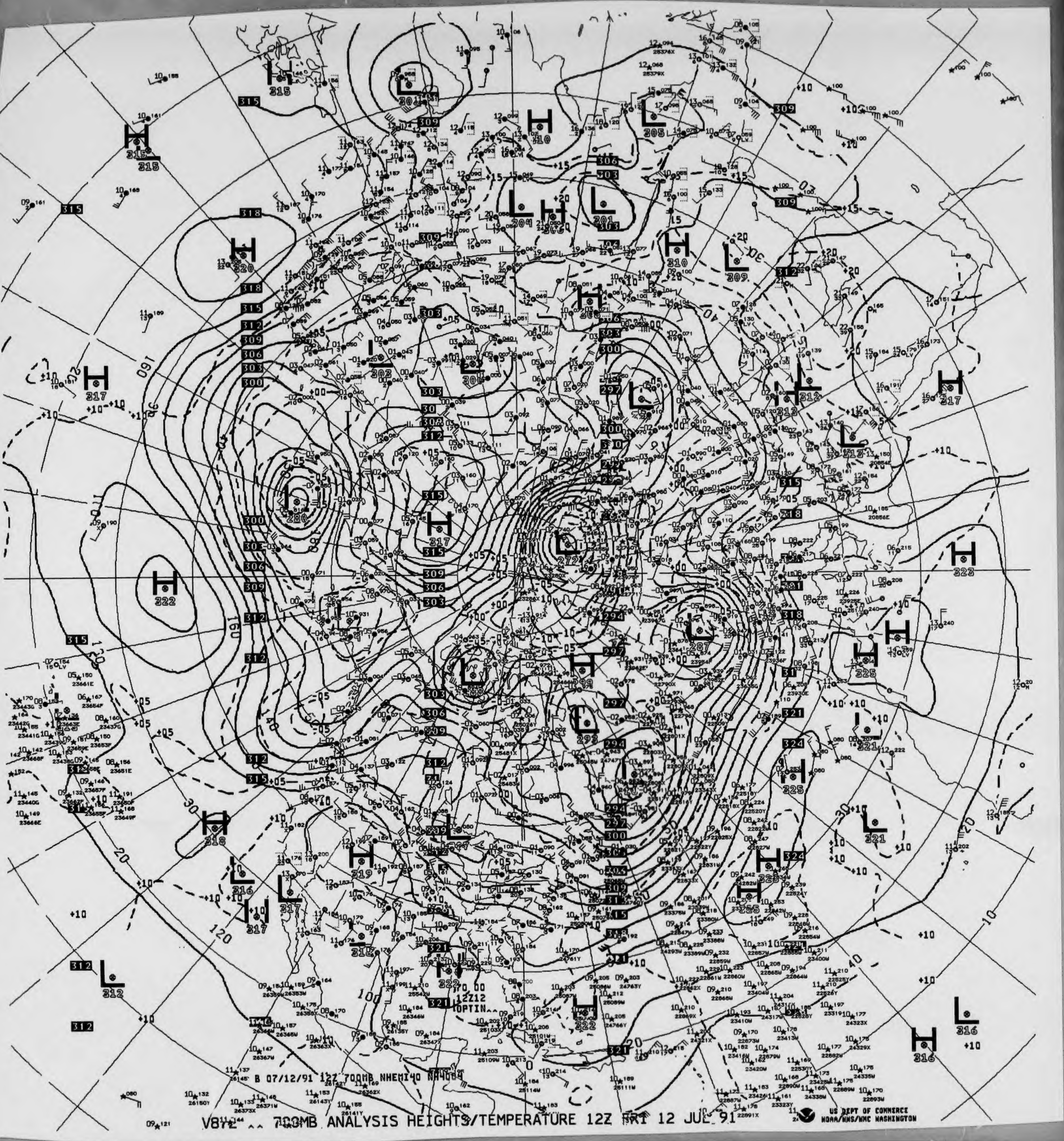
V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 12 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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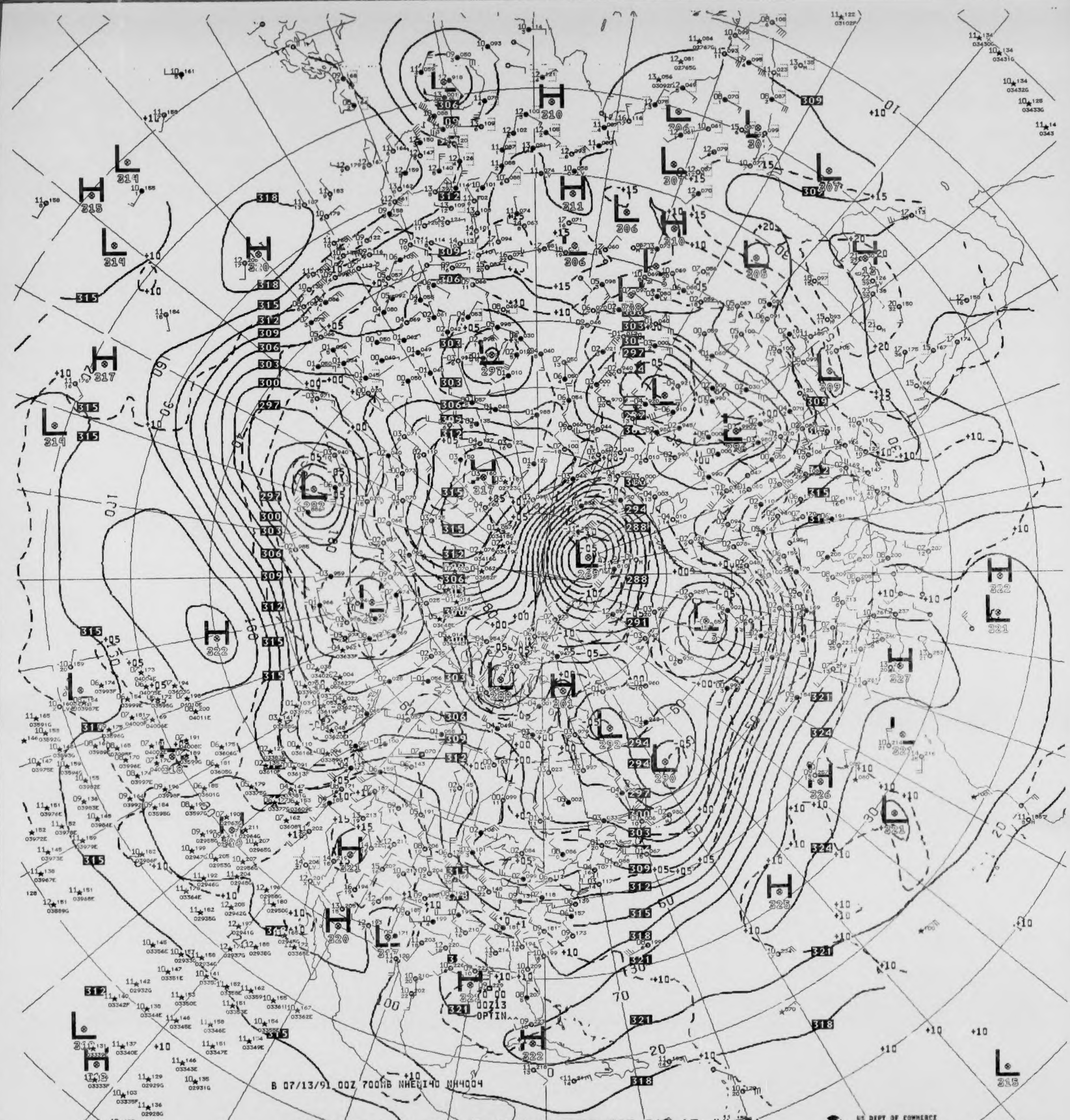
V8T2 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 12 JUL 91

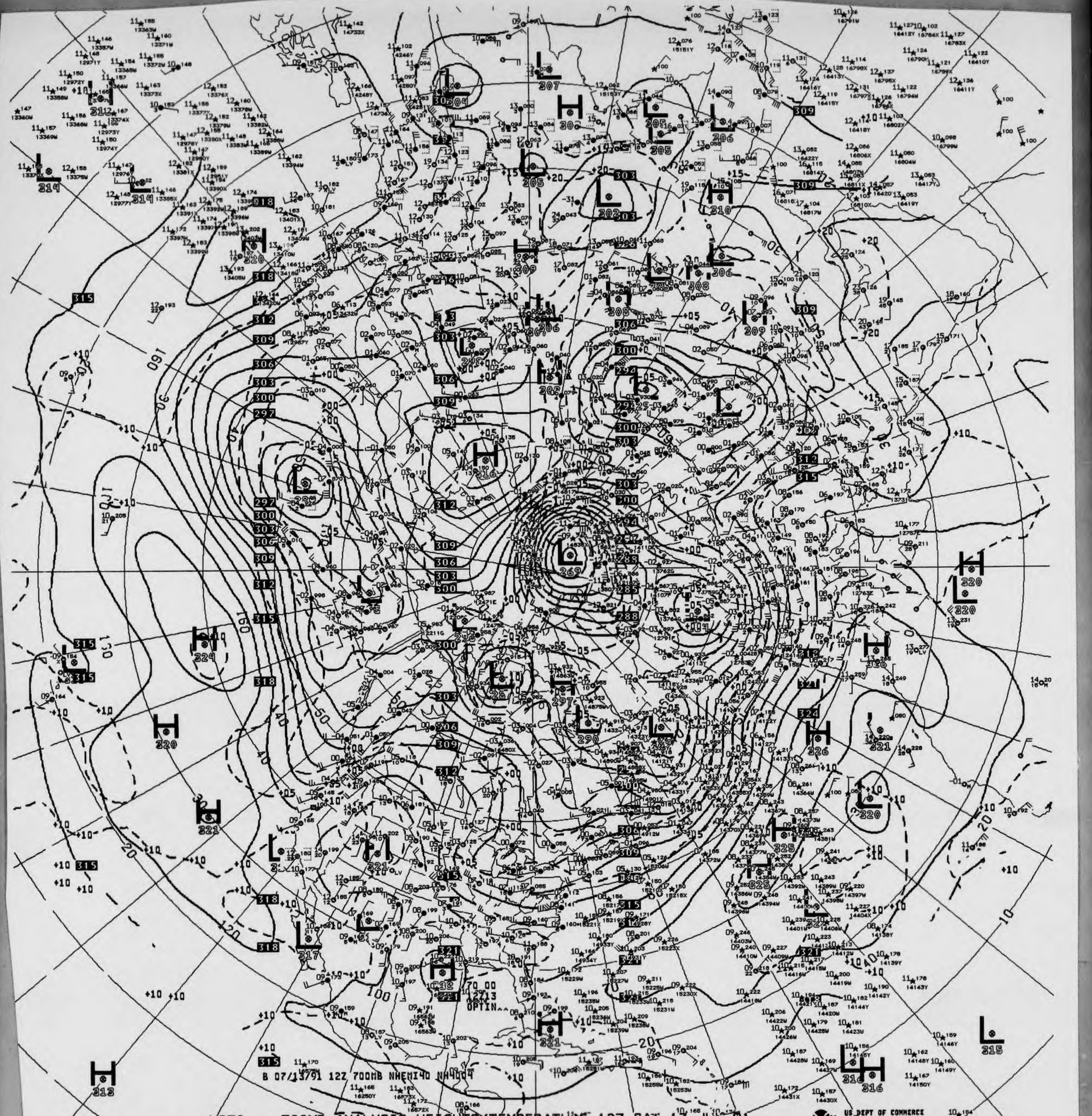
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/13/91 00Z 700MB NHEMI40 NH4004

V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 13 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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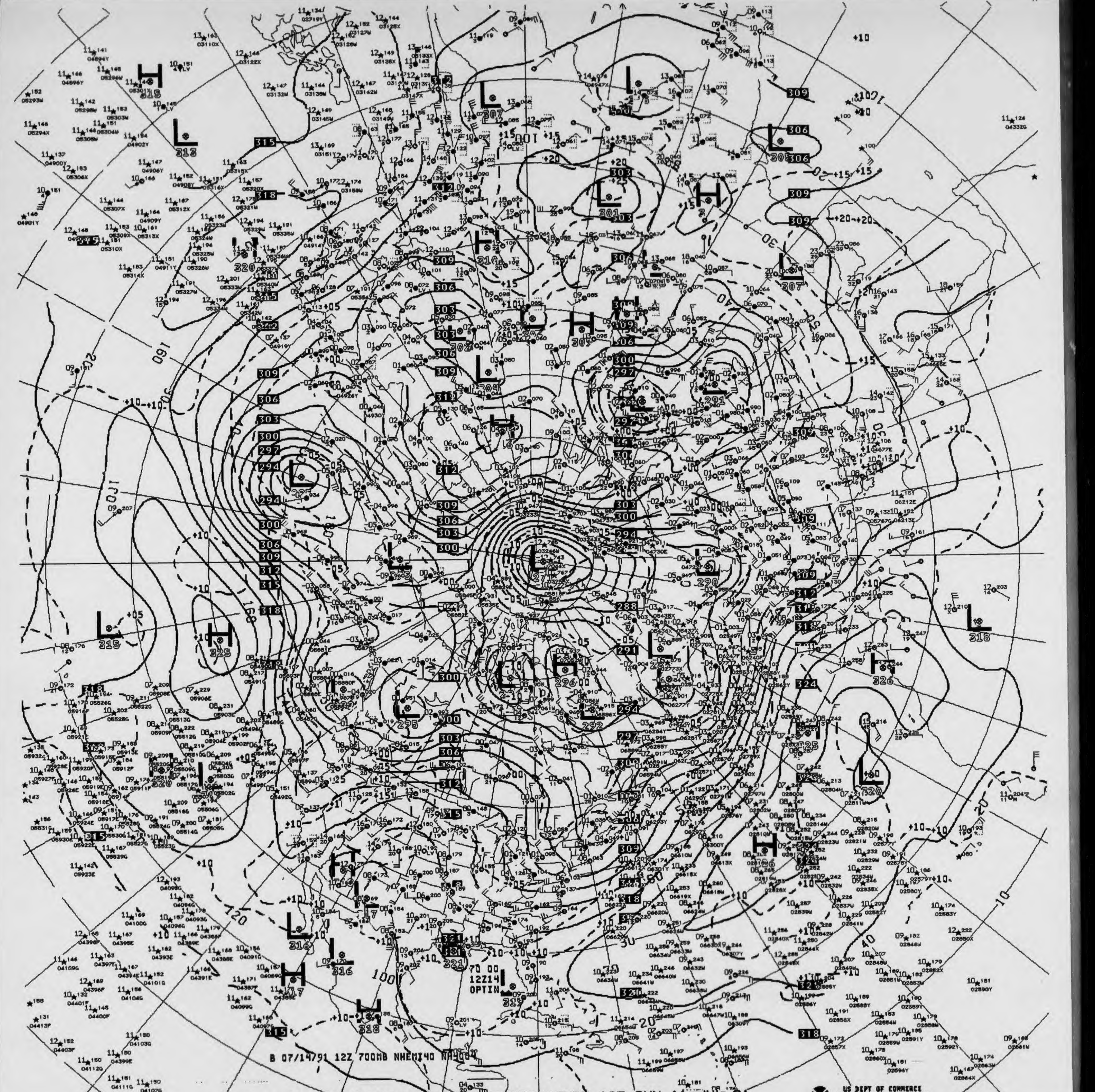
OPTIN^^

V872 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 13 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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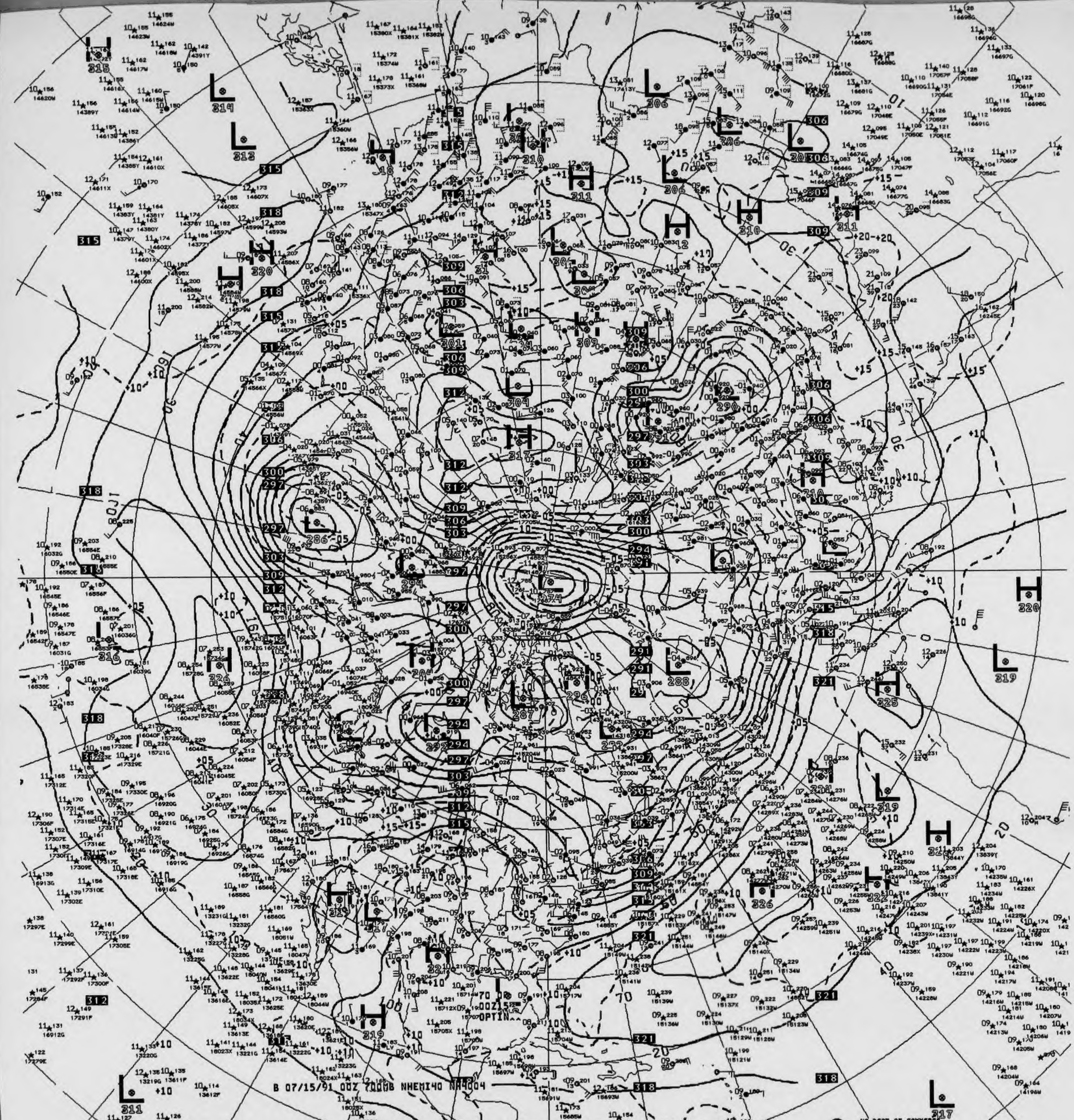
V872 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 14 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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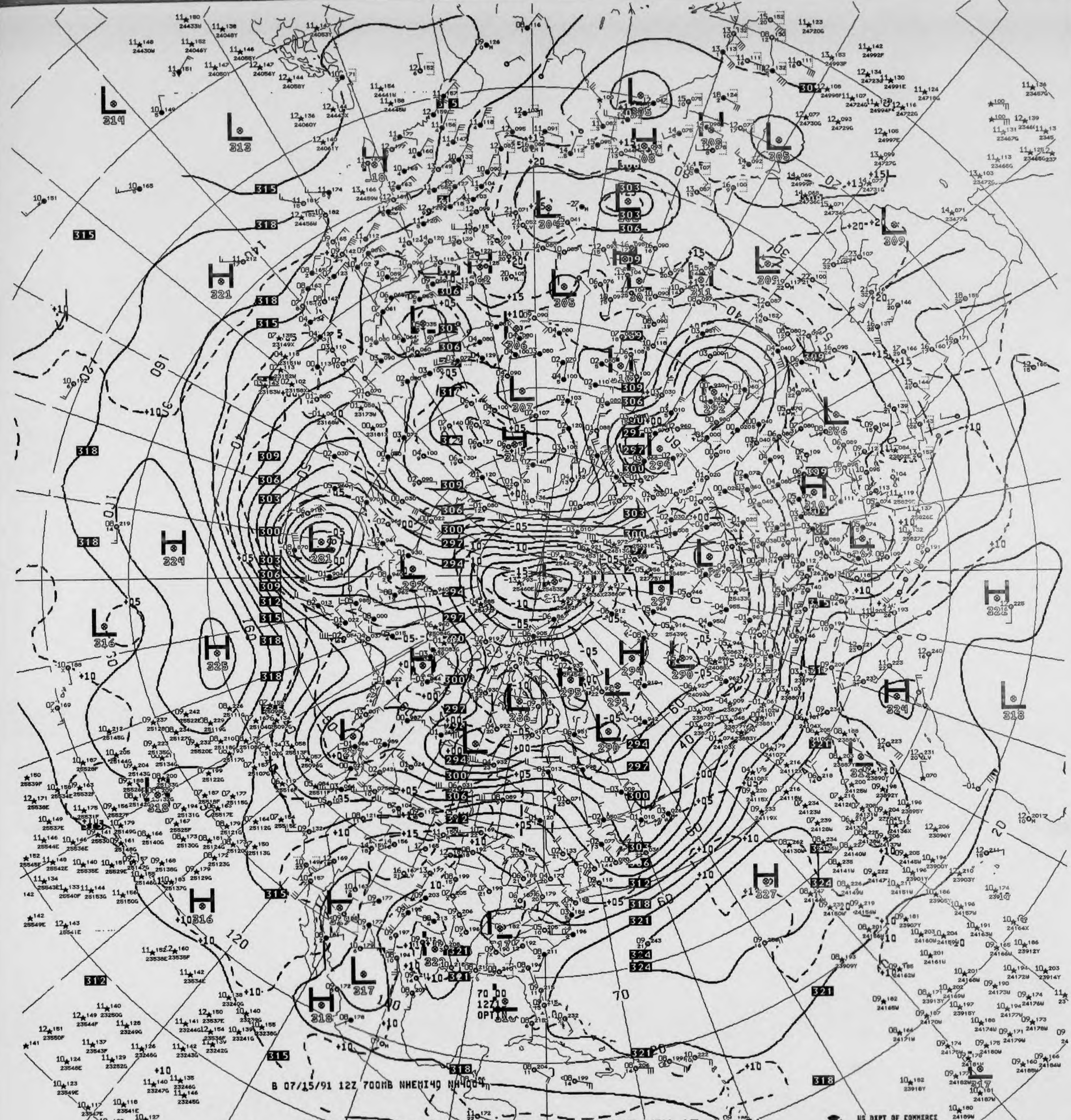
V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 15 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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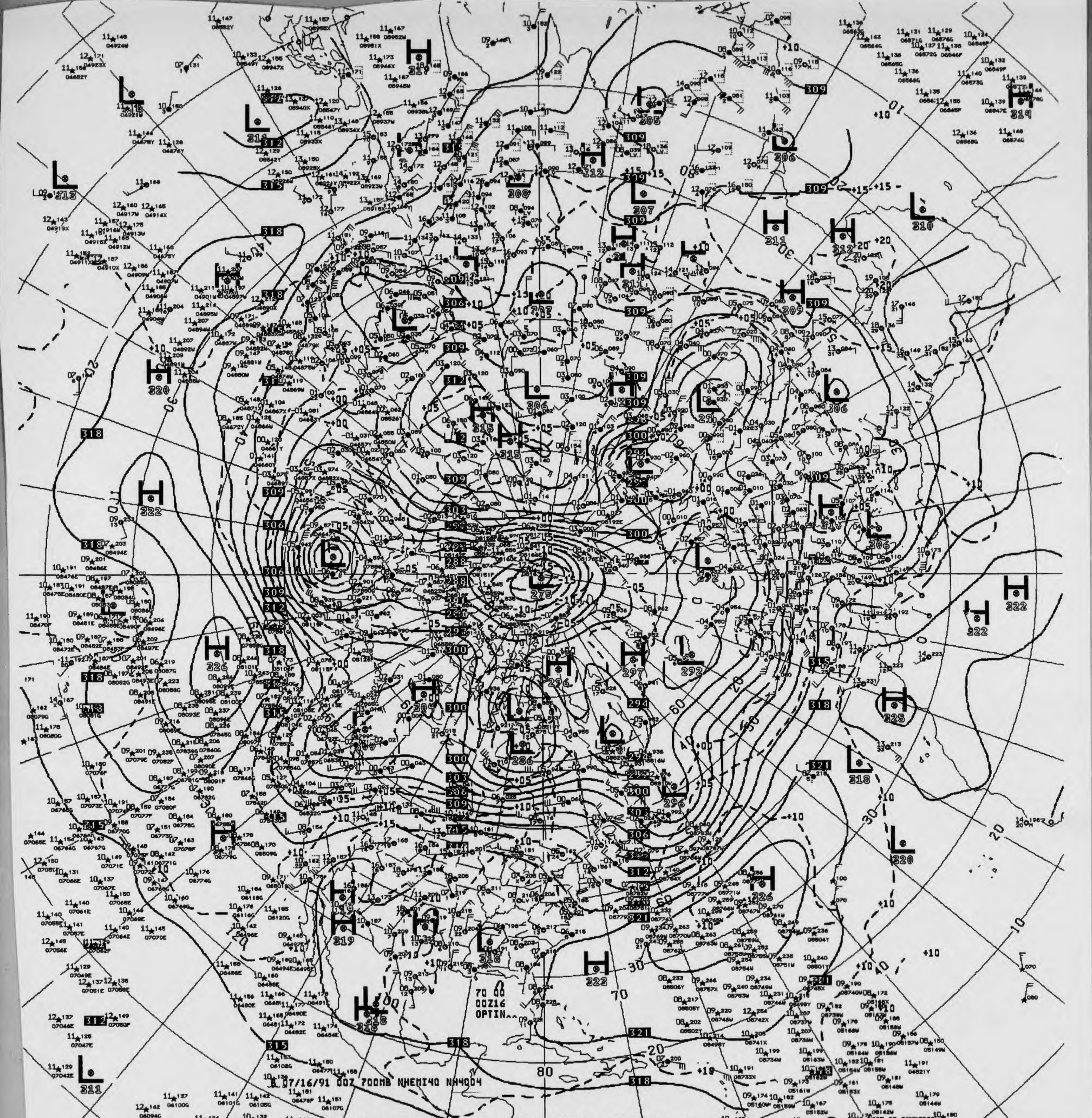
V872 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 15 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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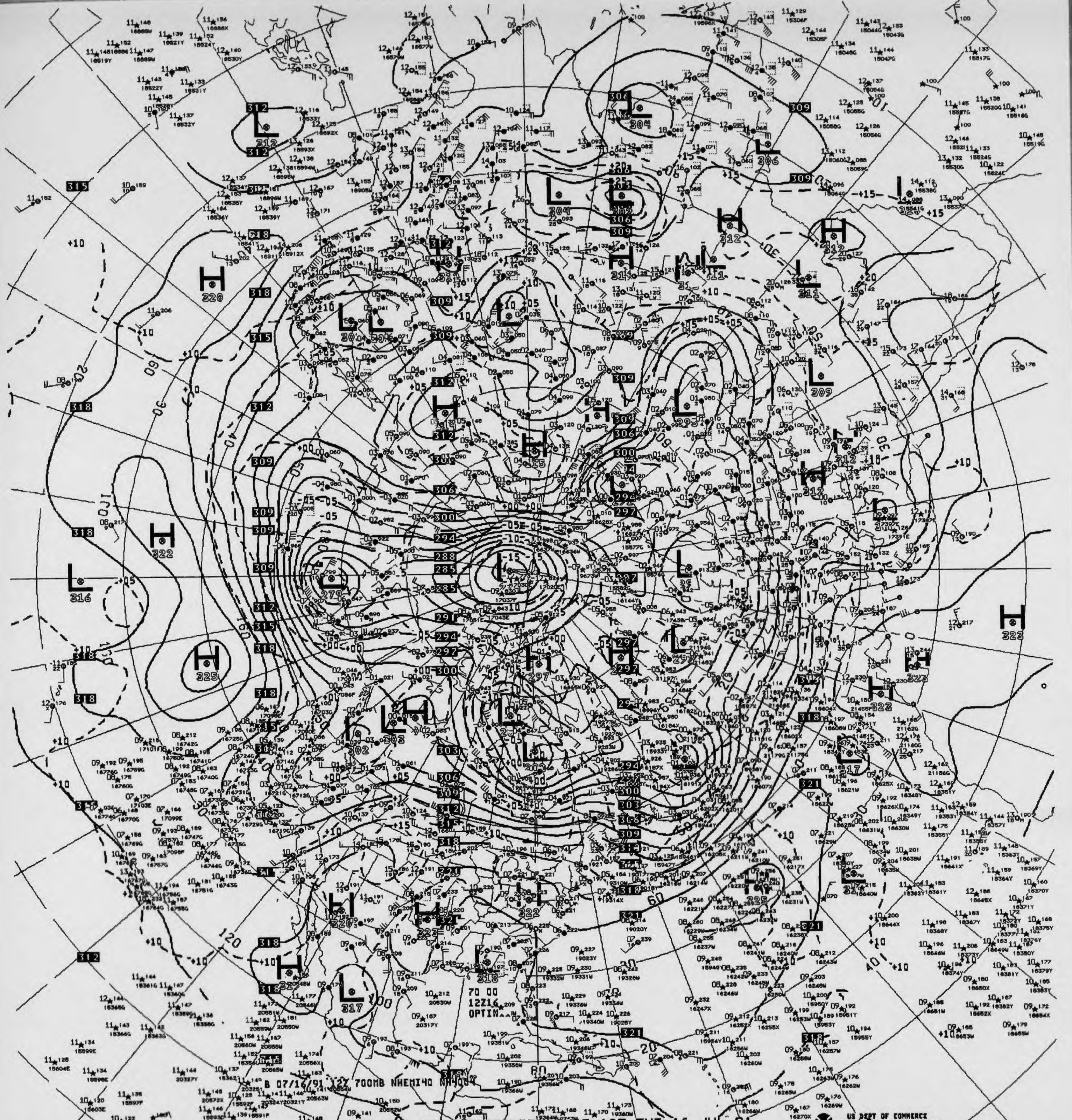
822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 16 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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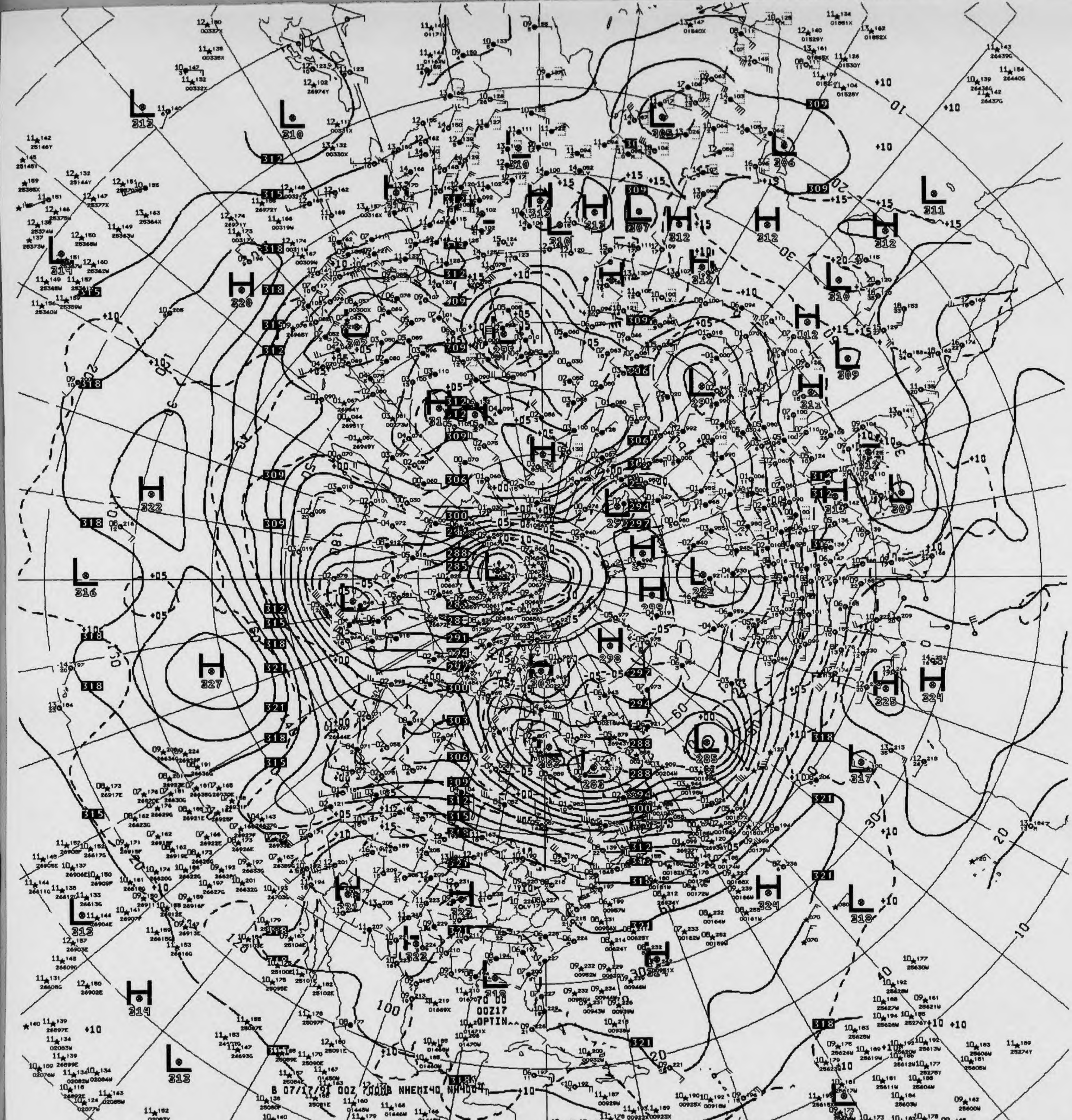
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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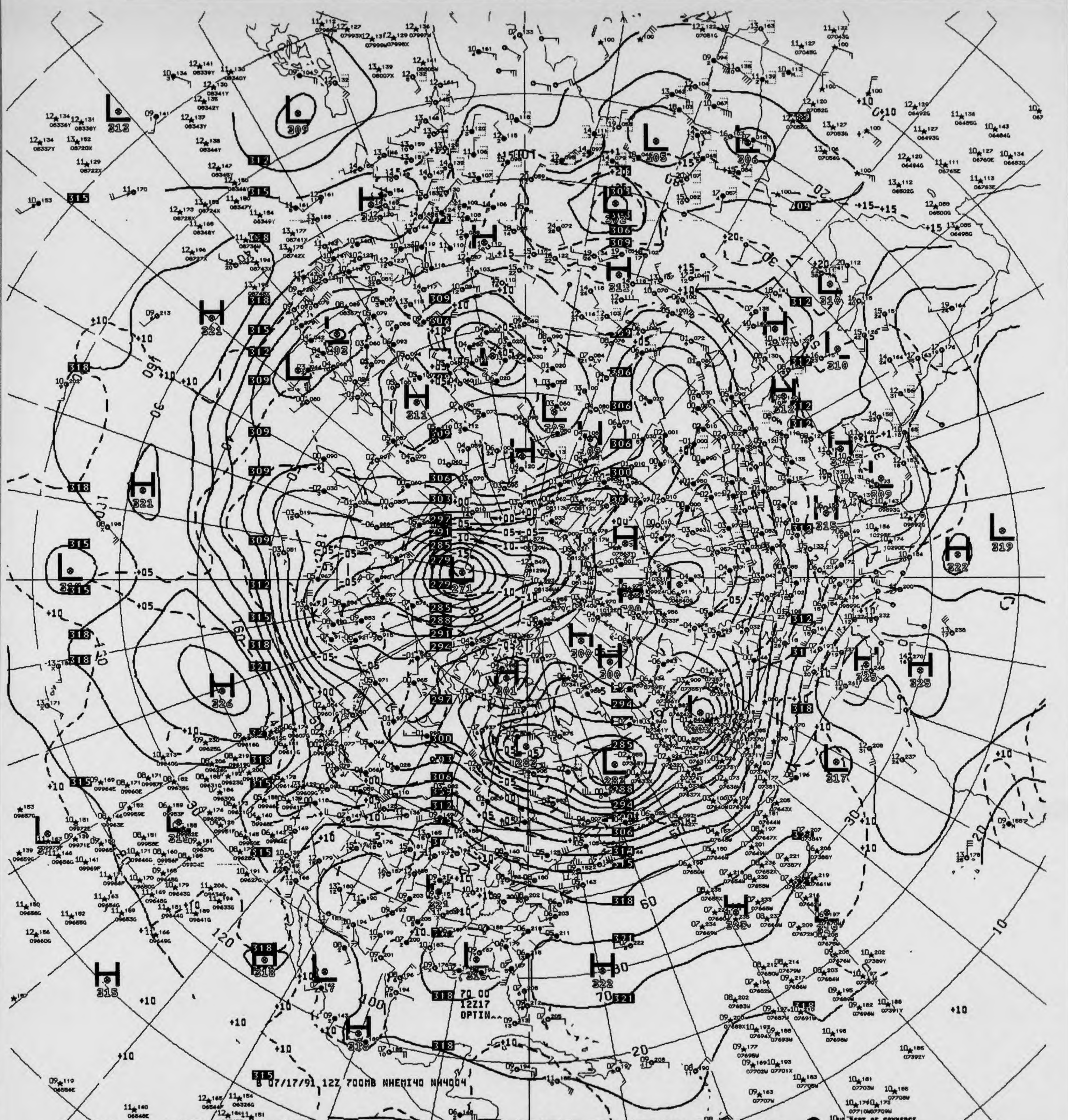
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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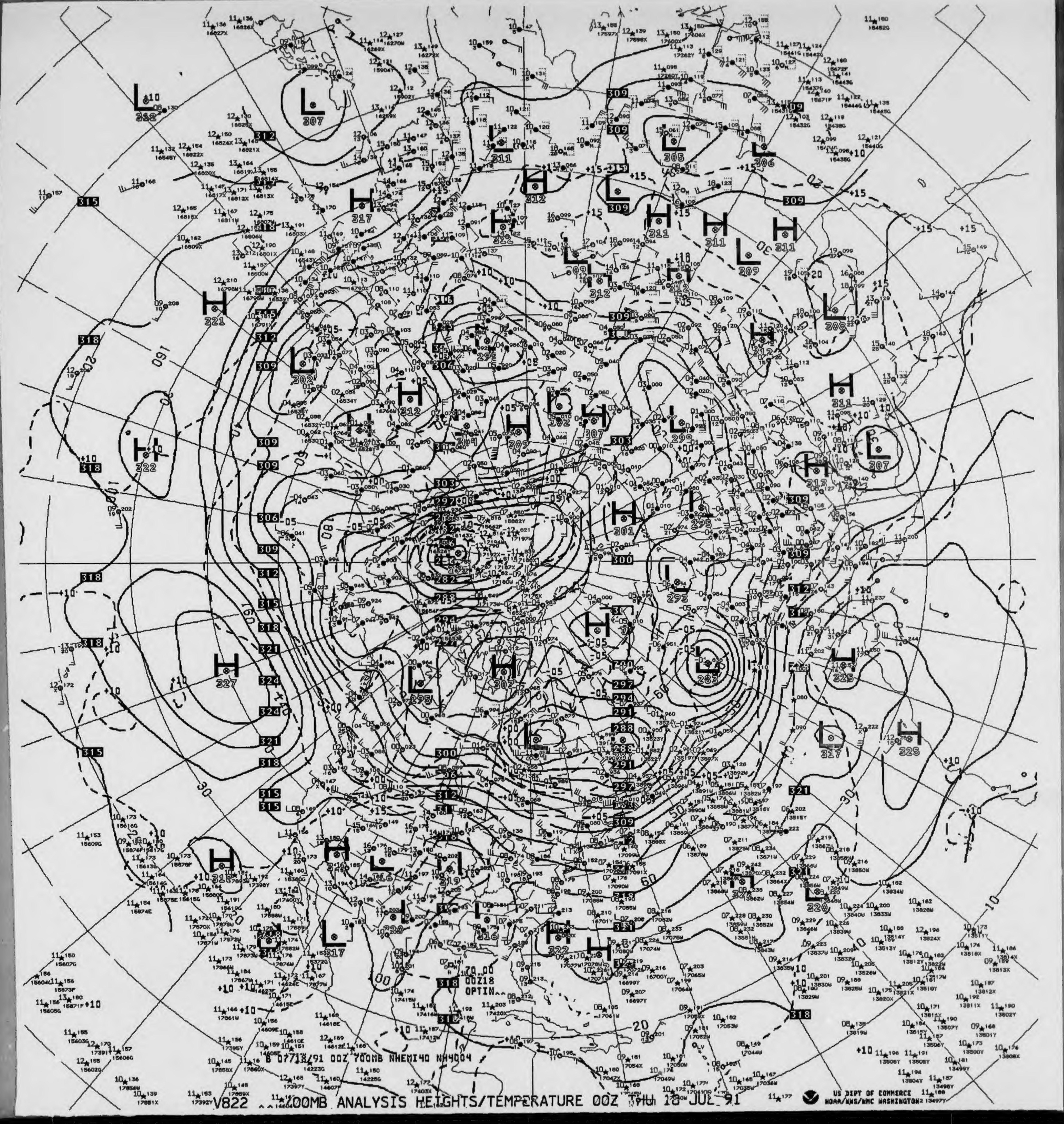
V872 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 17 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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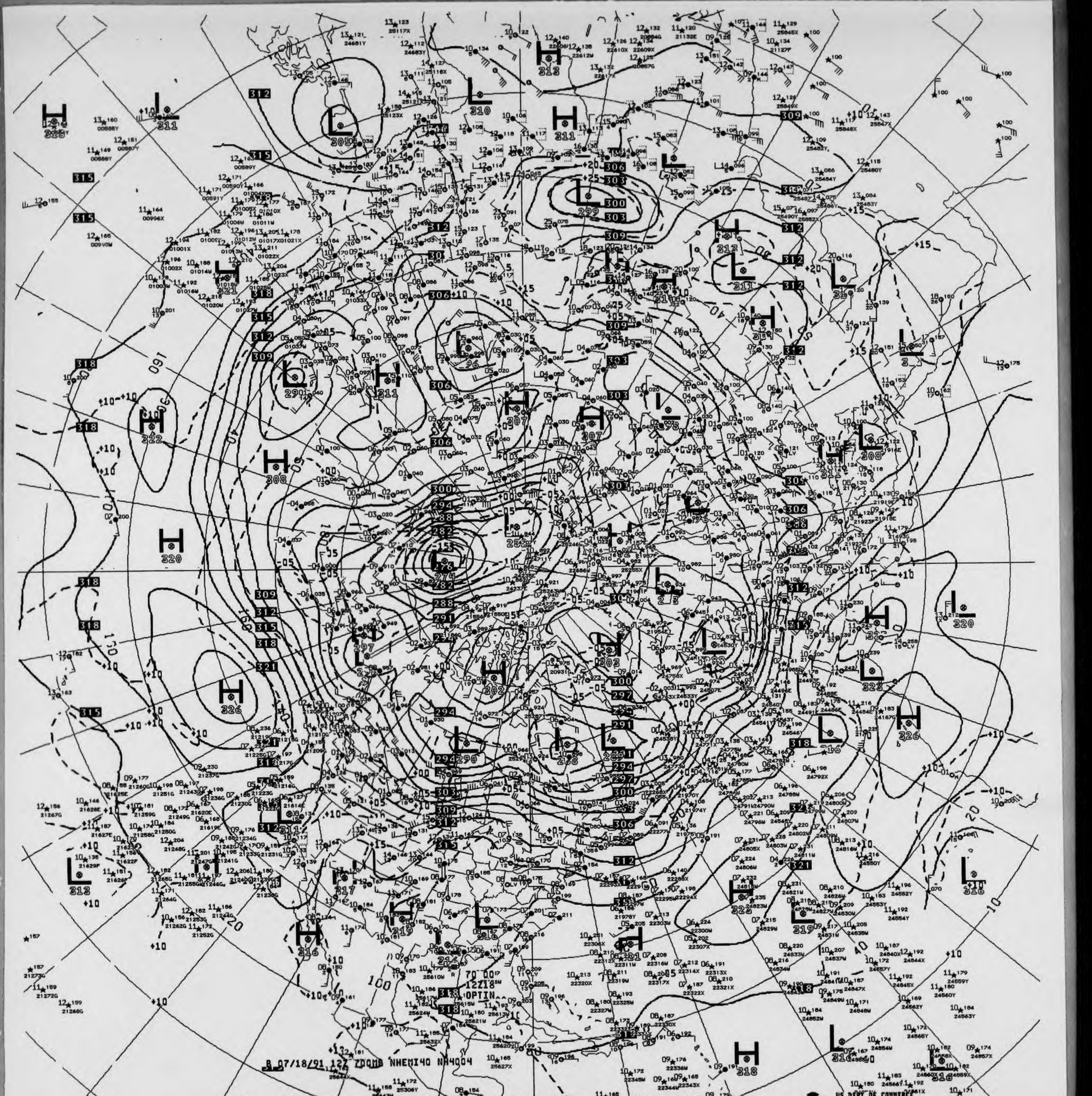
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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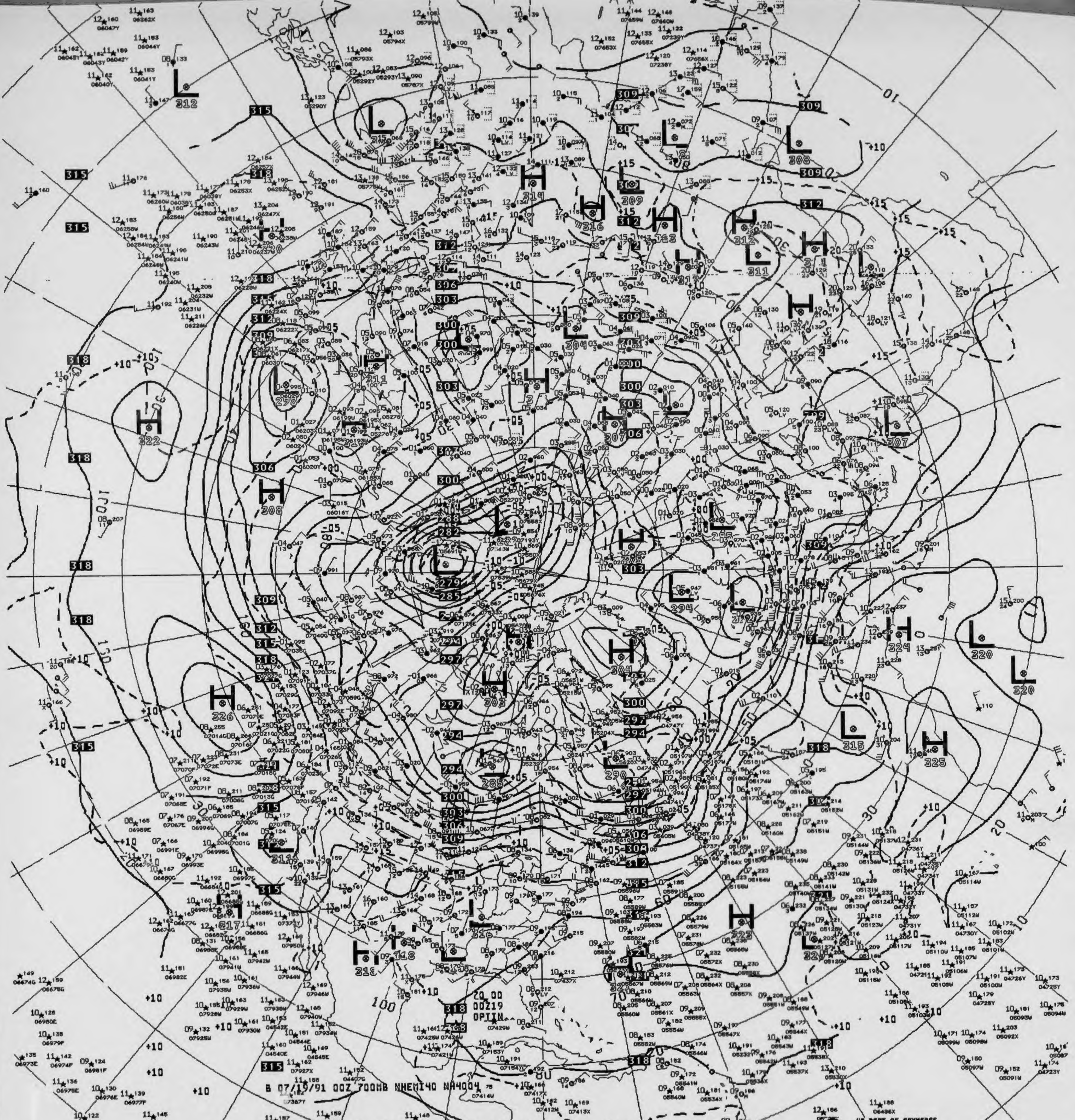
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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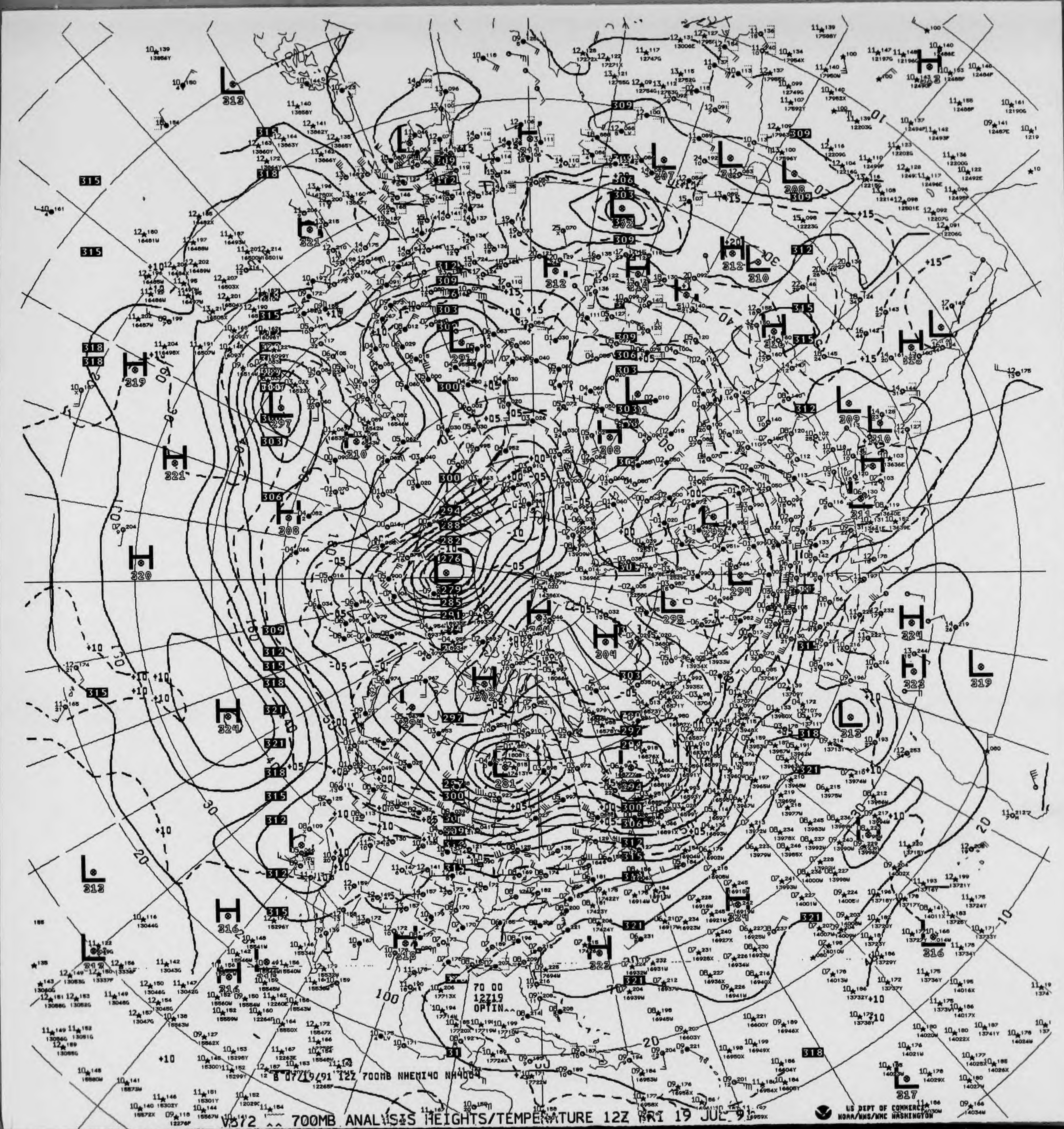
V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 19 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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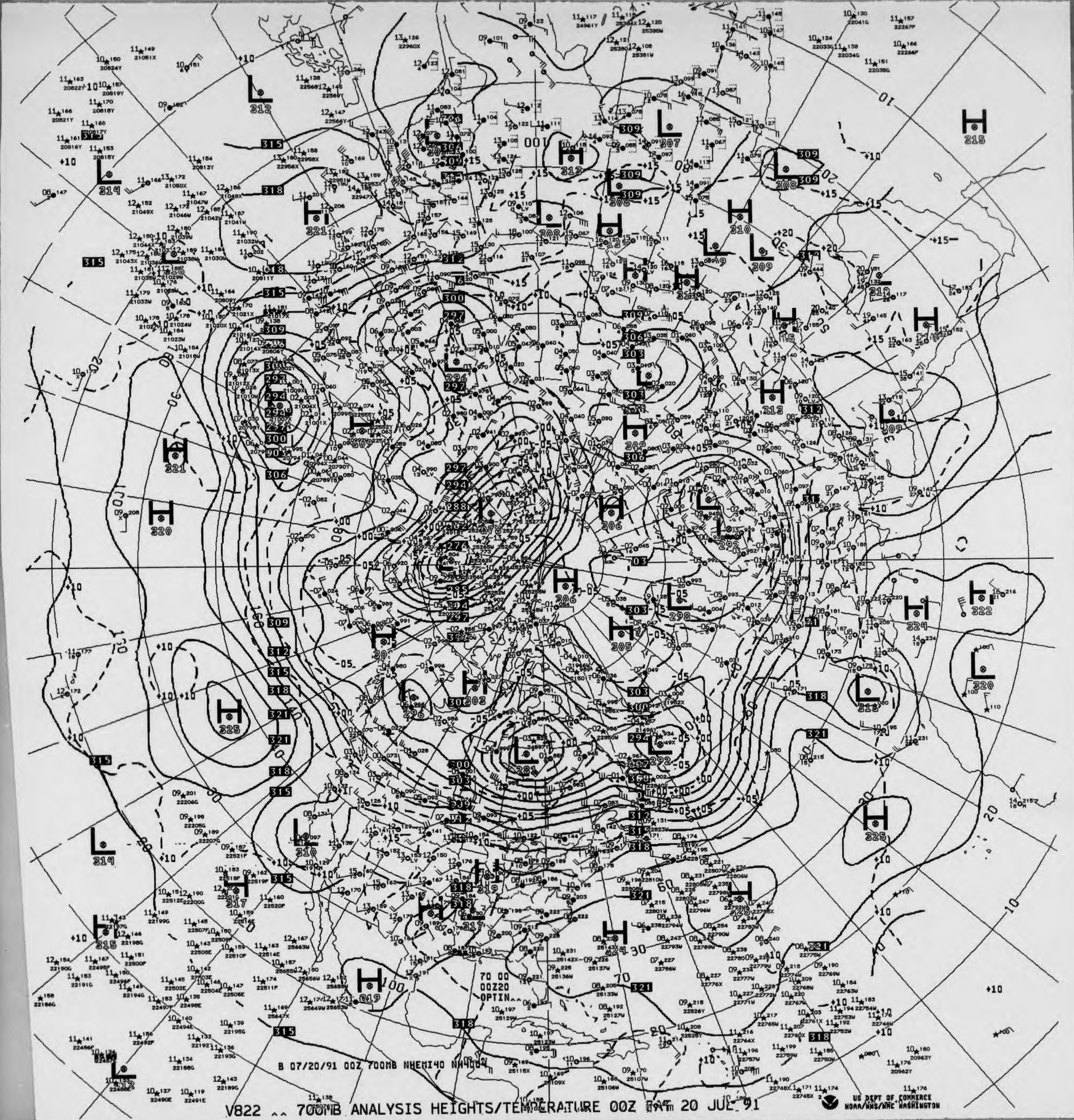
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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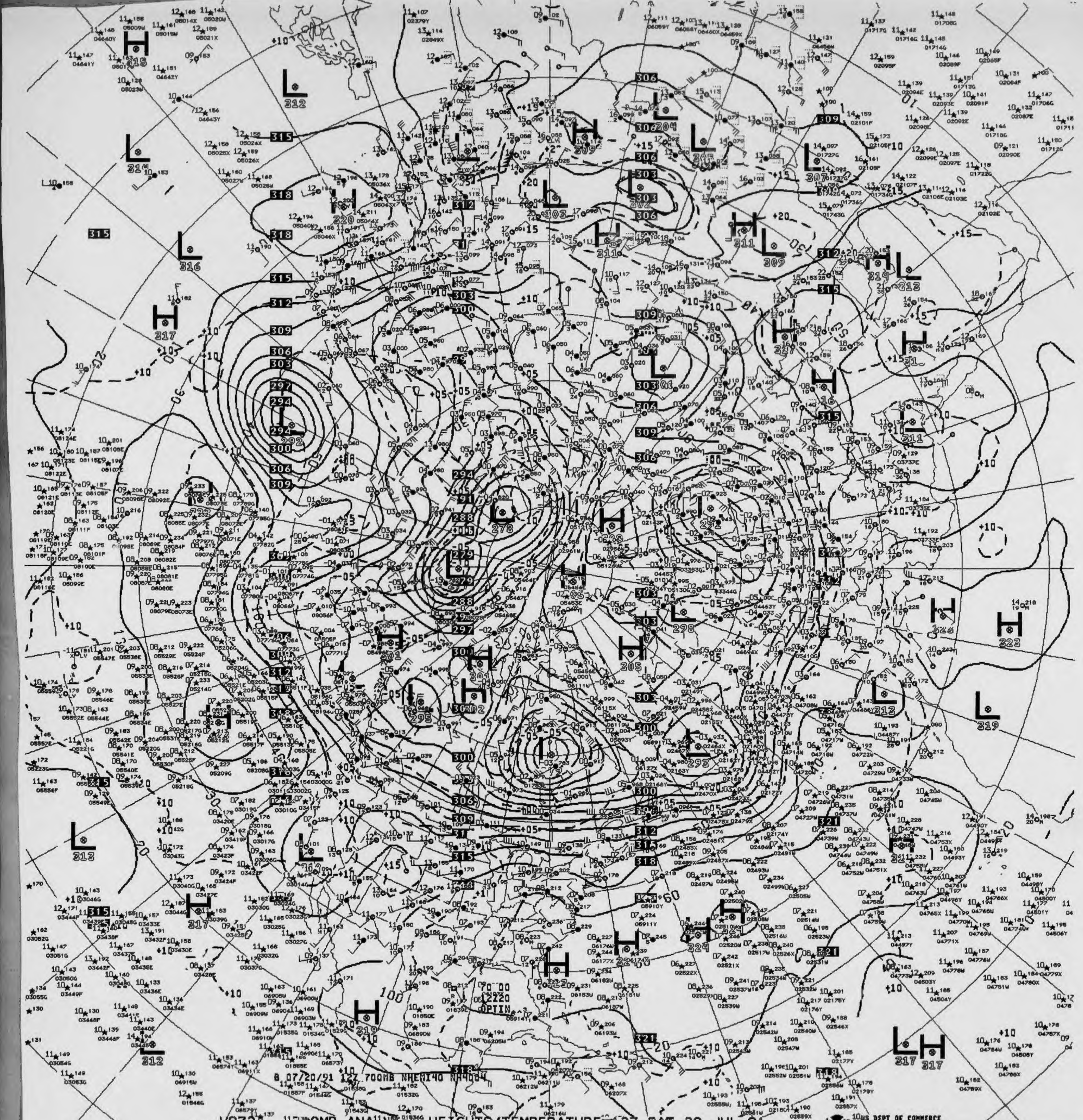
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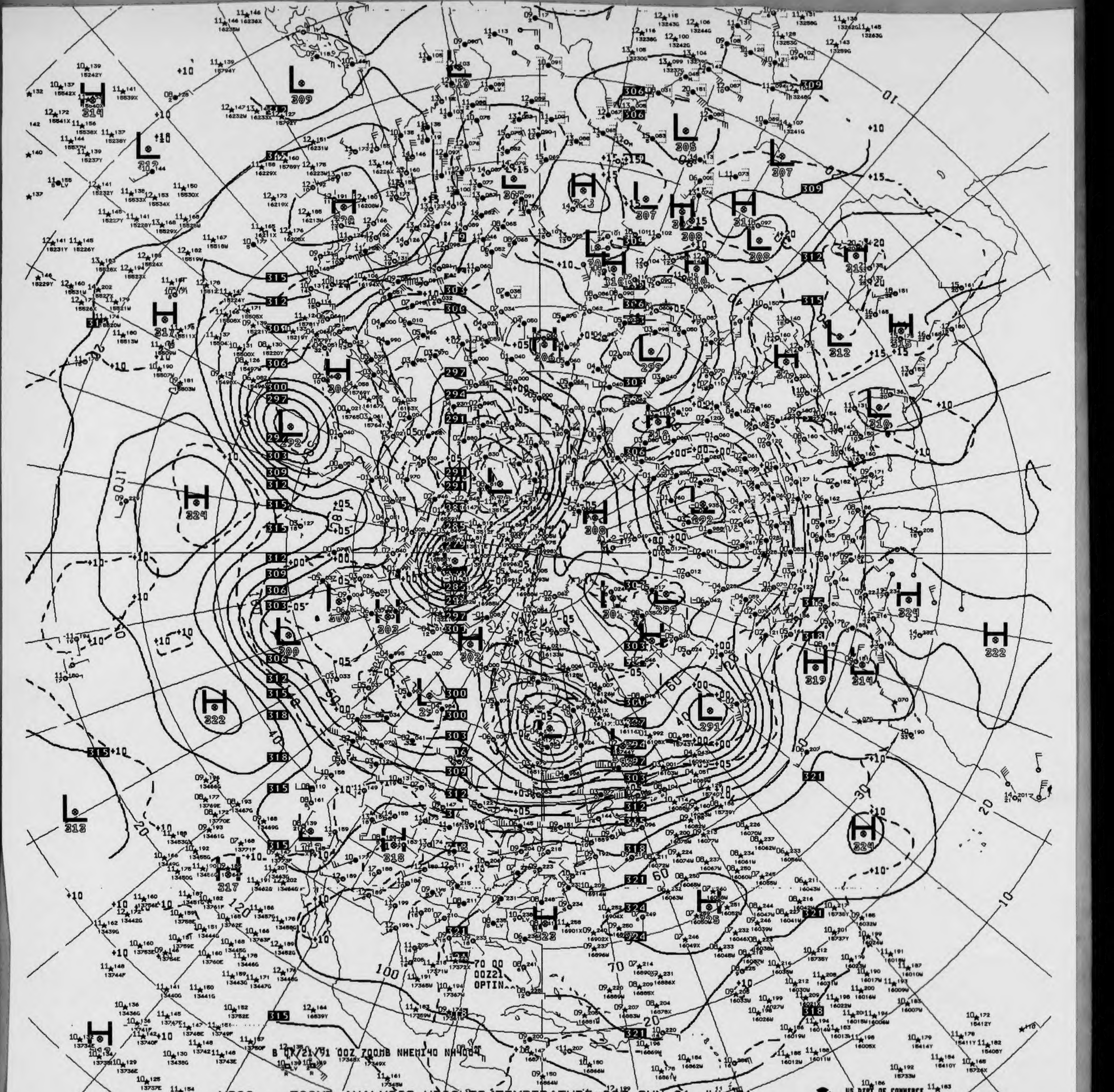
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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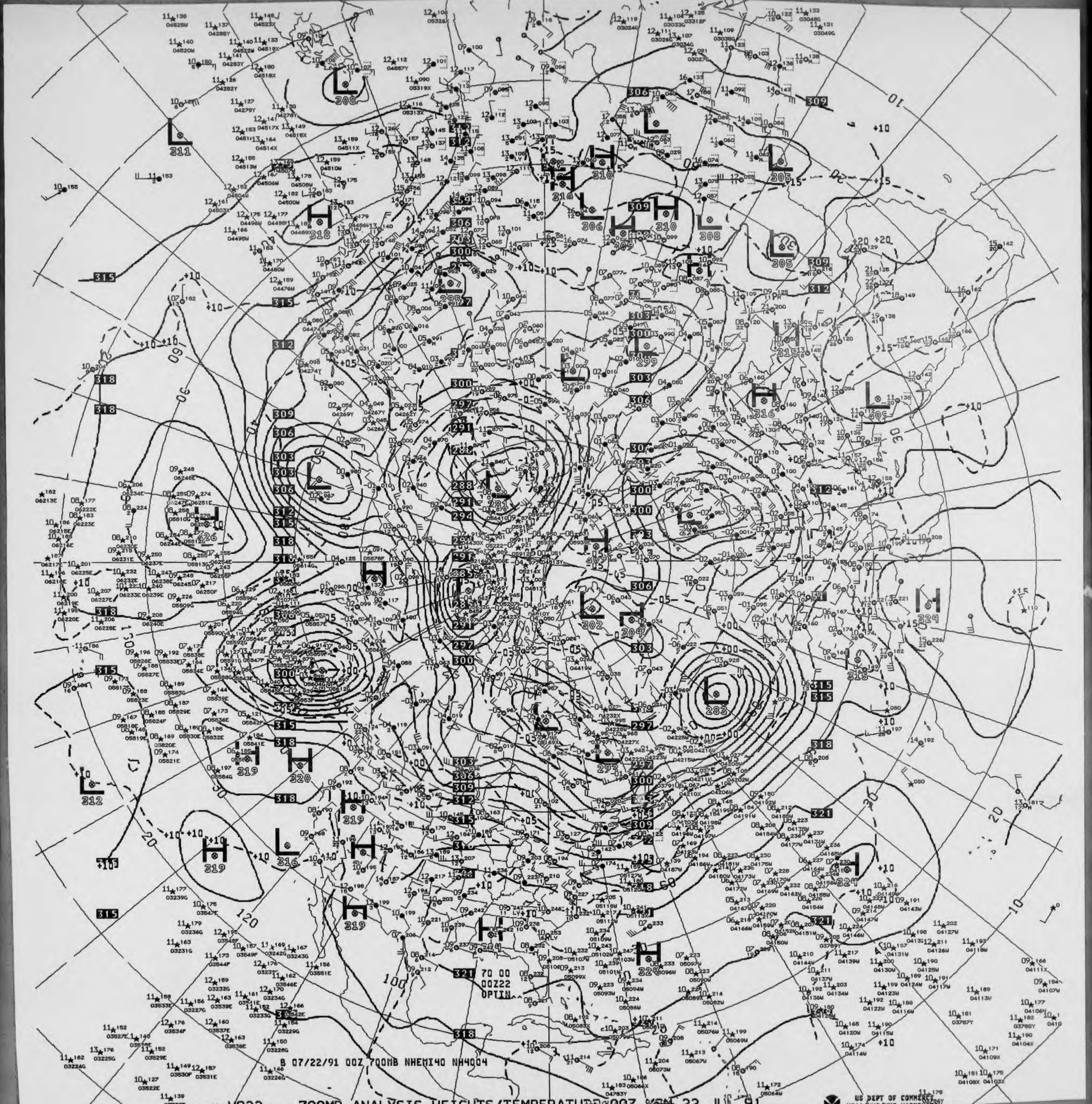
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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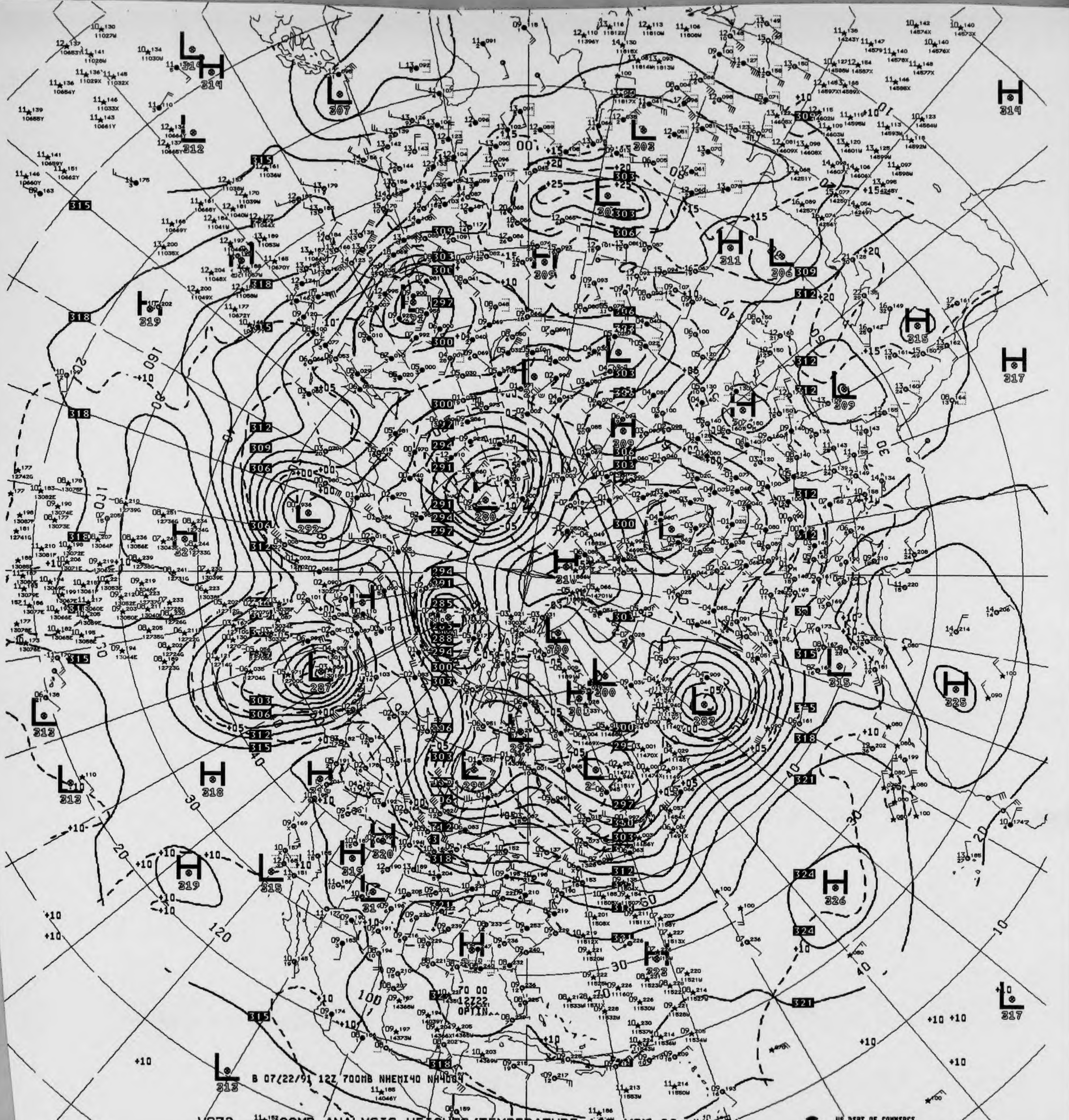
W822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 22 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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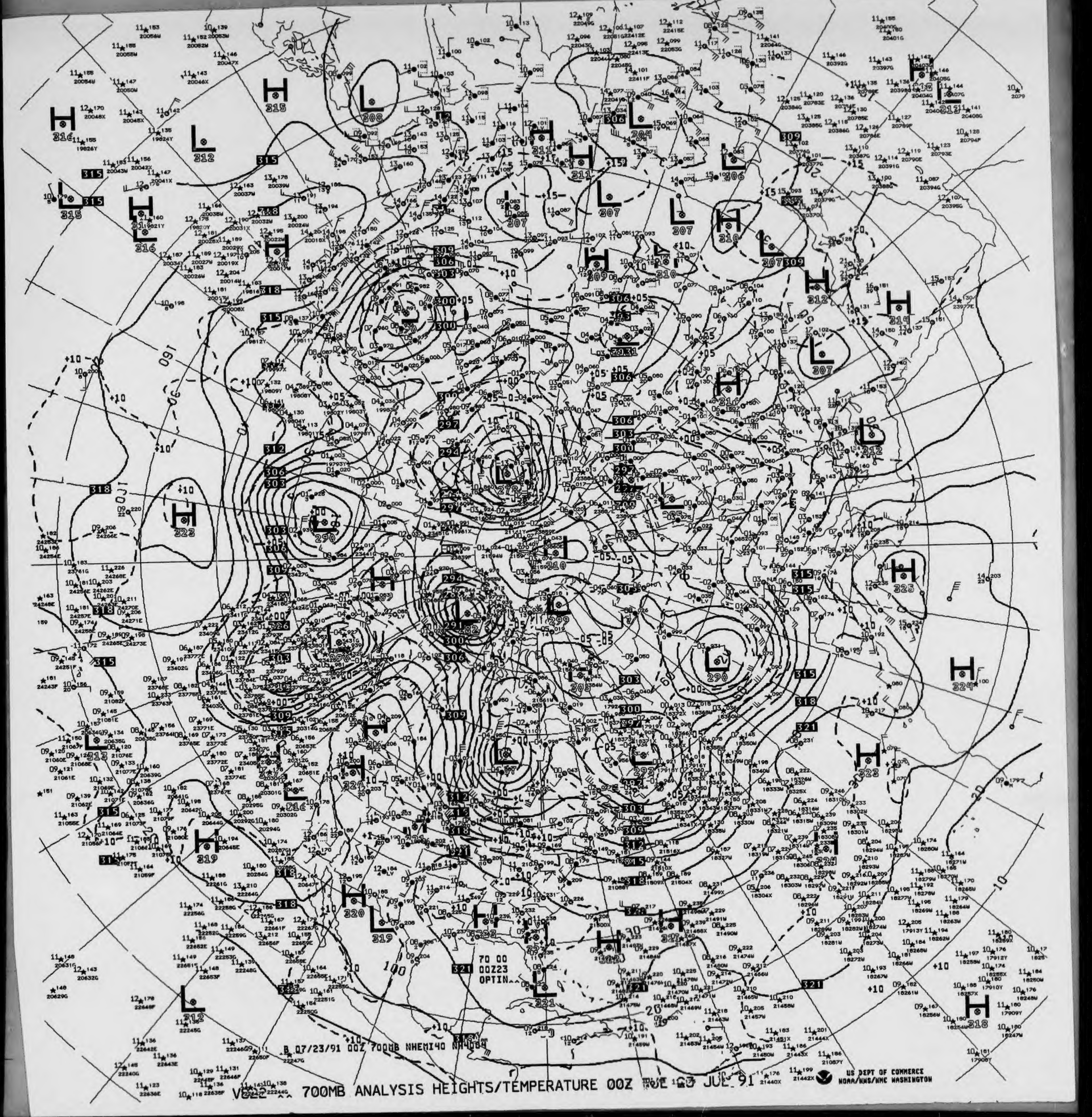
V872 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 22 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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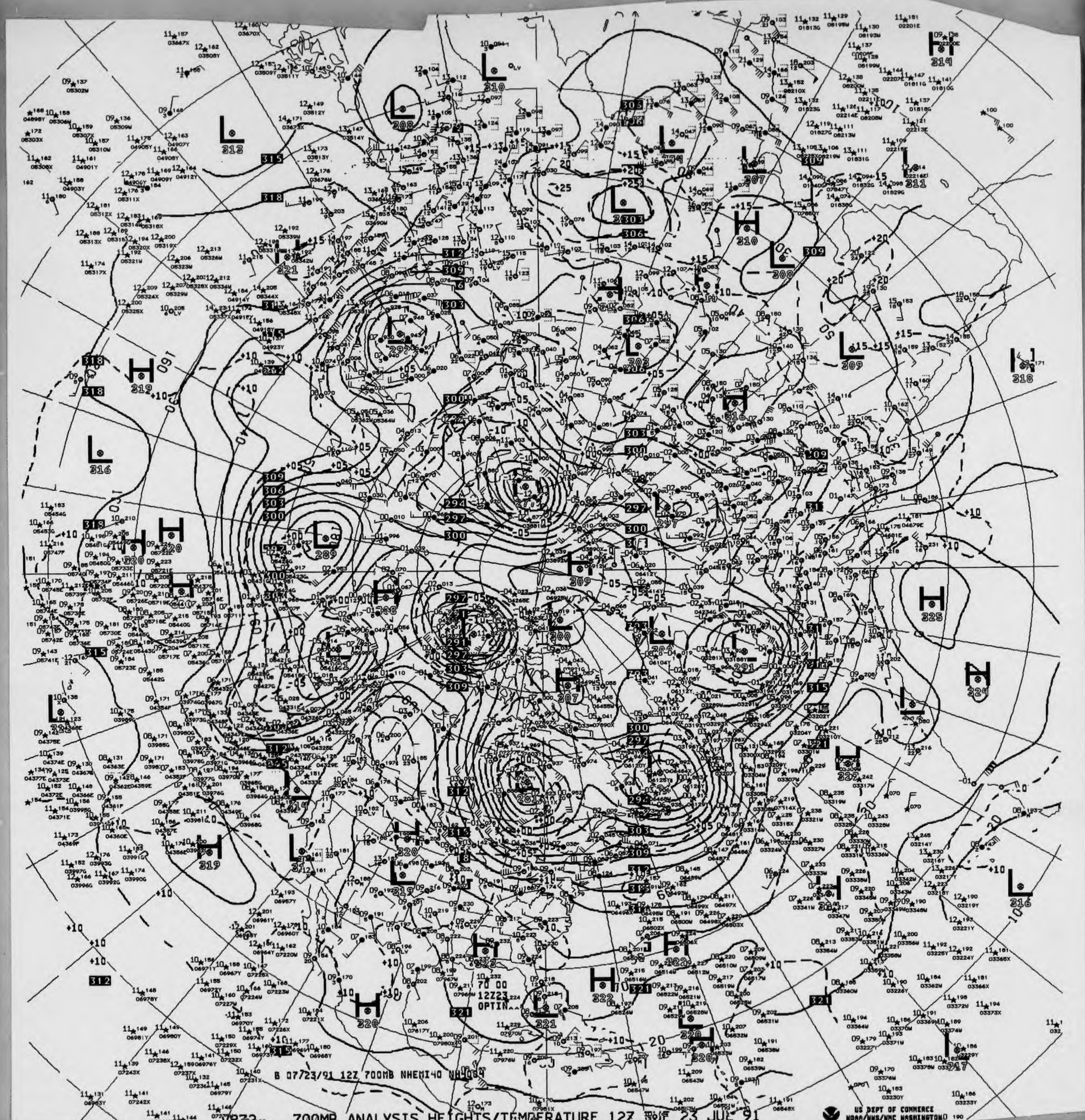
V022

700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 23 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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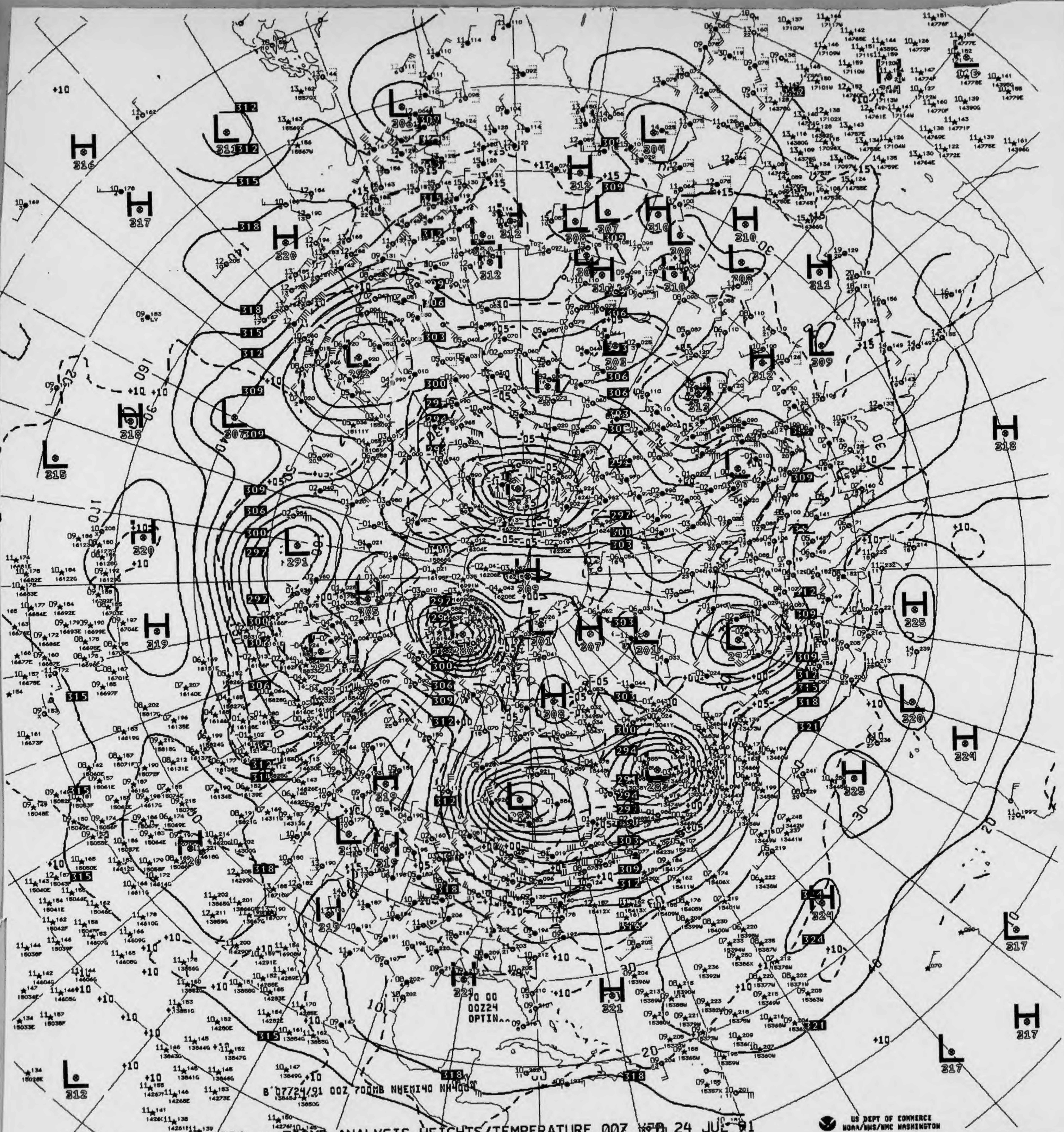
V872 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 23 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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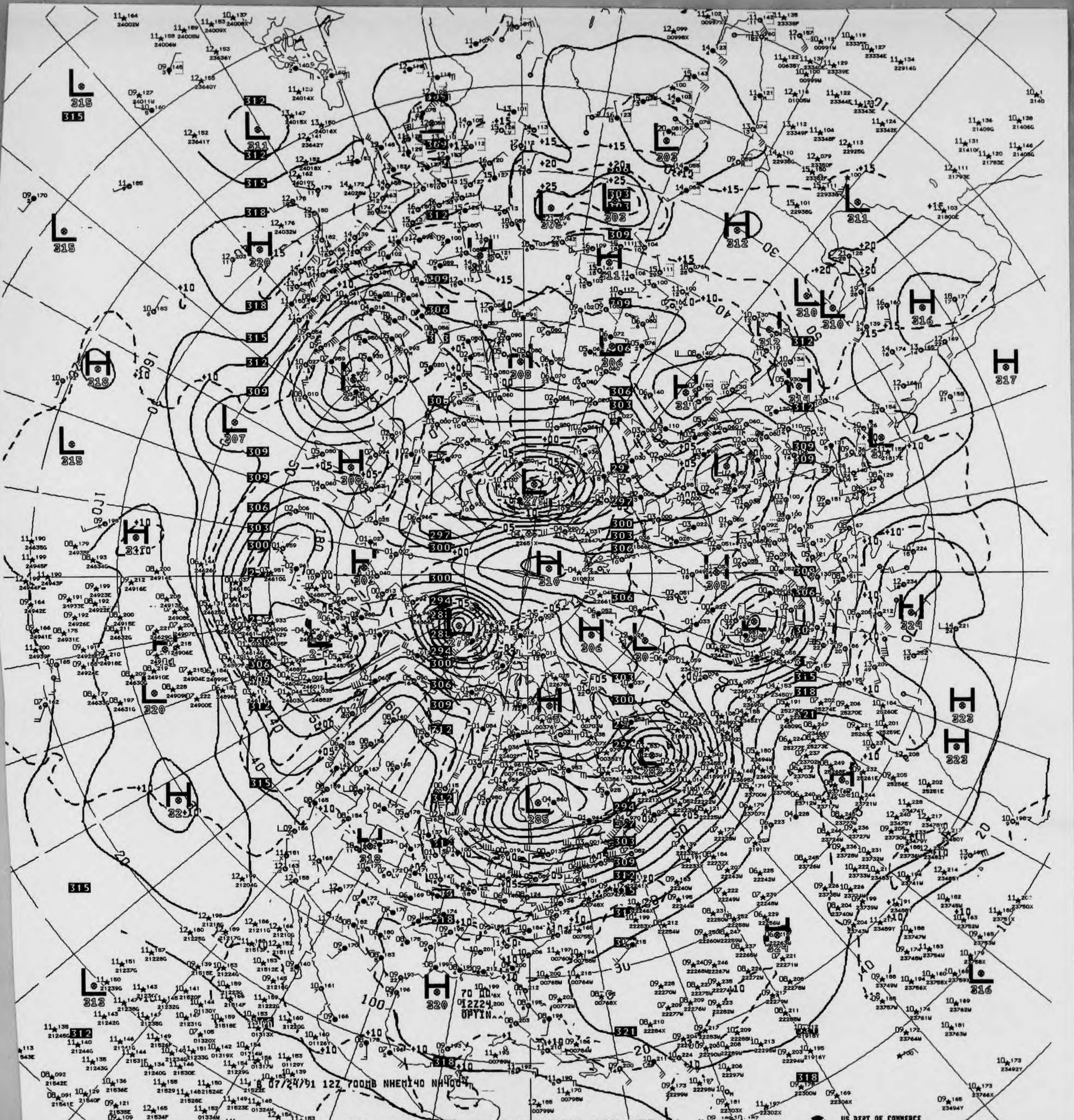
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V822 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 24 JUL 91



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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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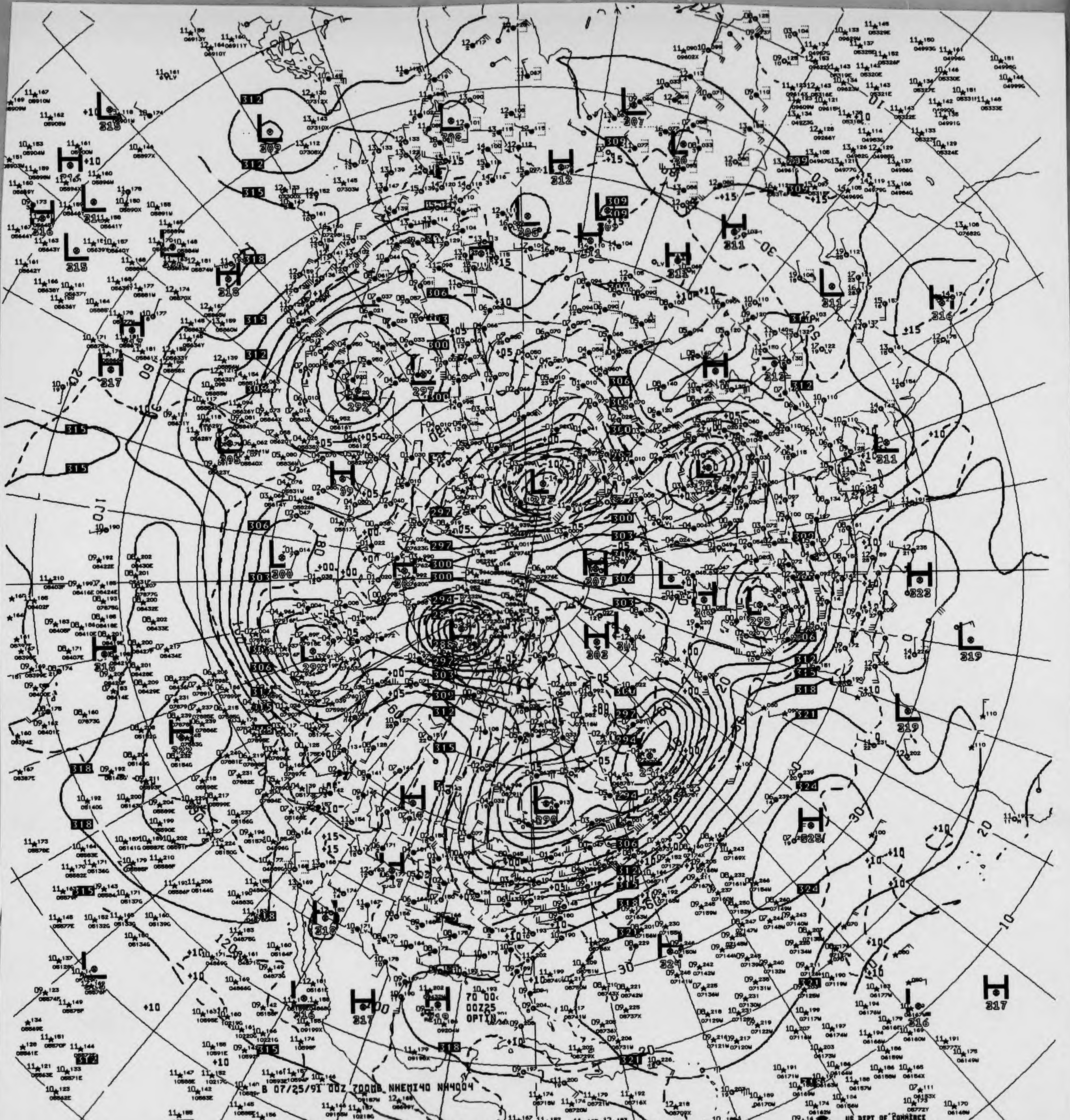
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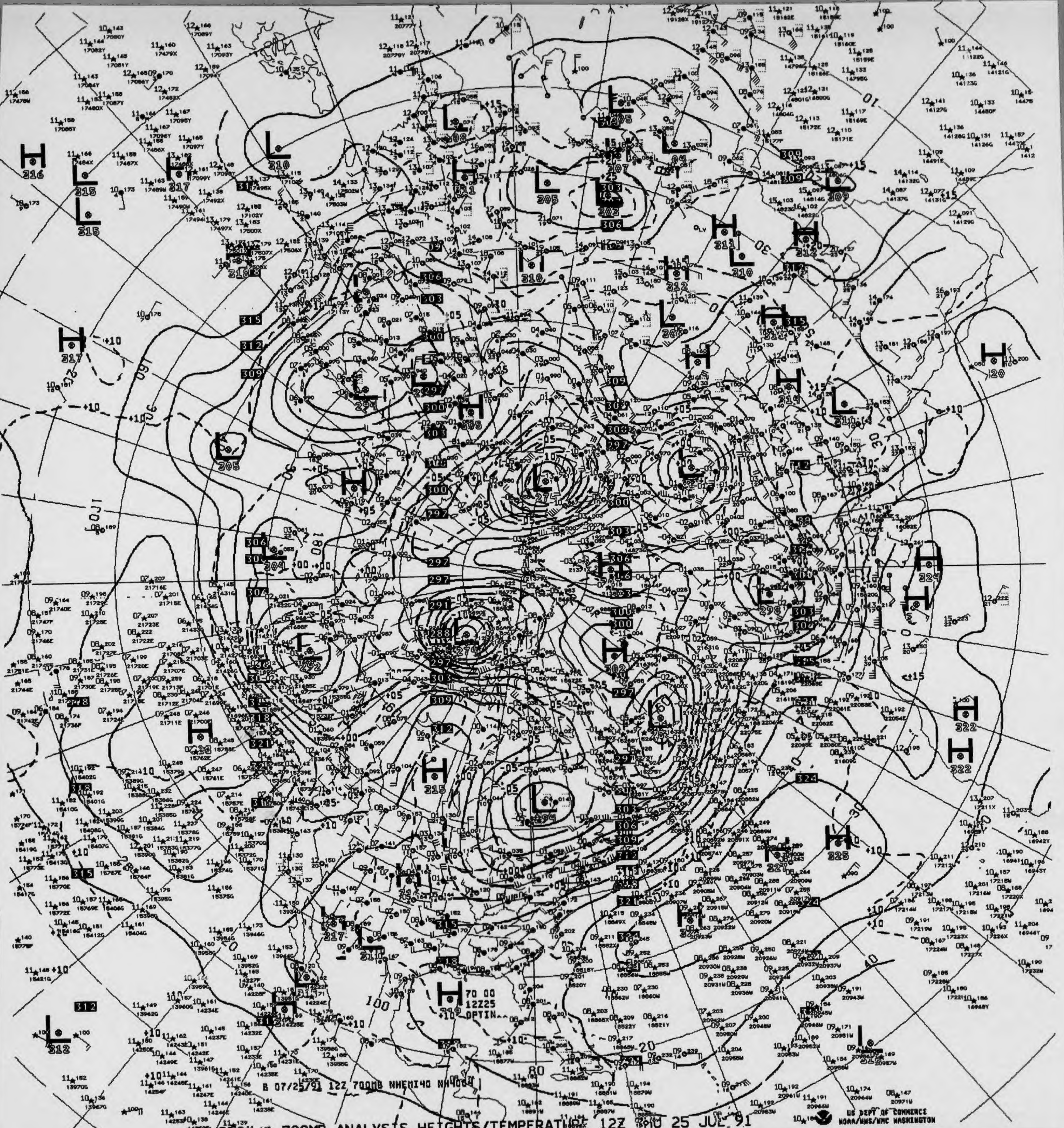
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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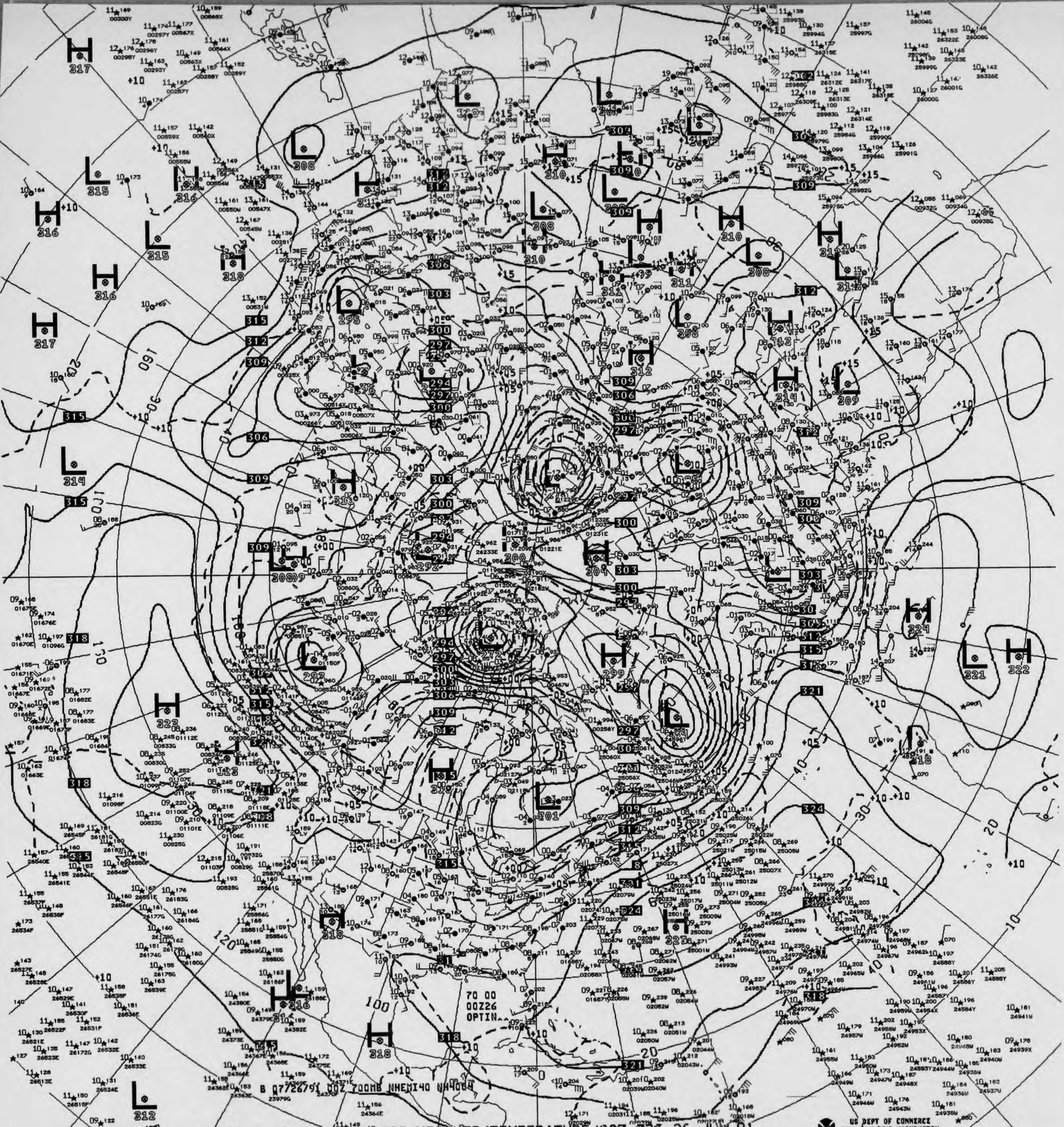
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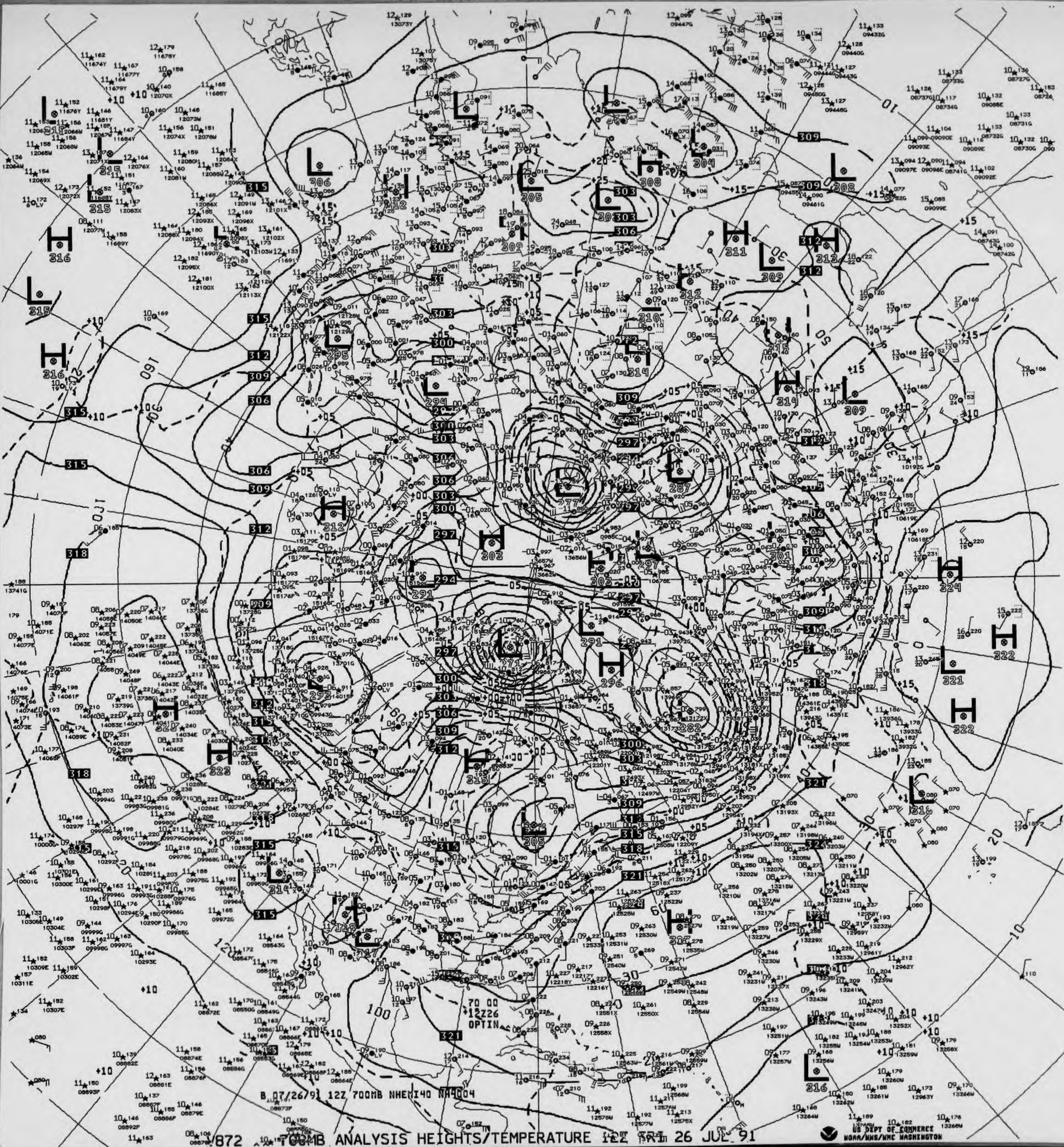
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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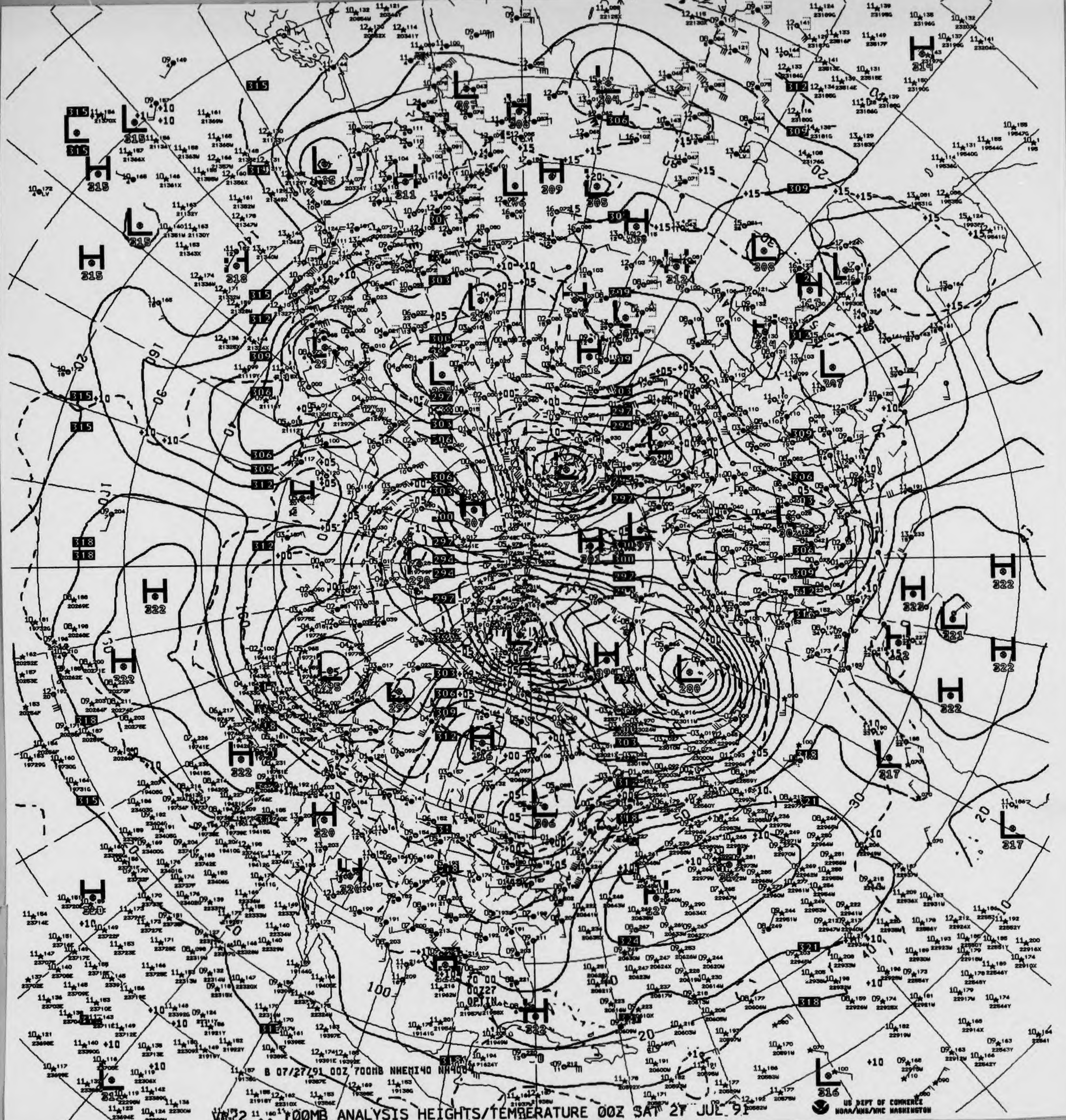
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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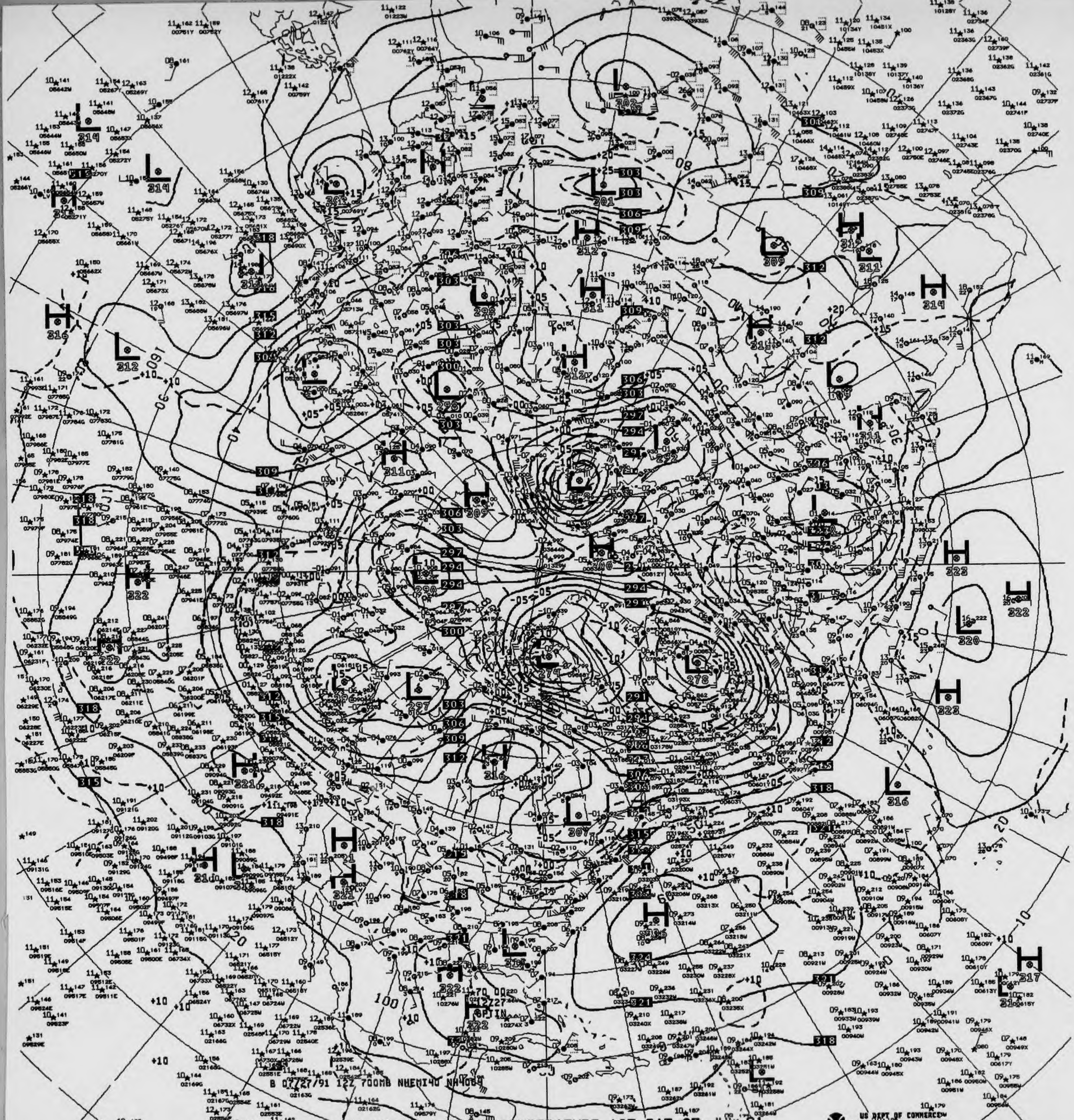
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

VR.22 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 27 JUL 91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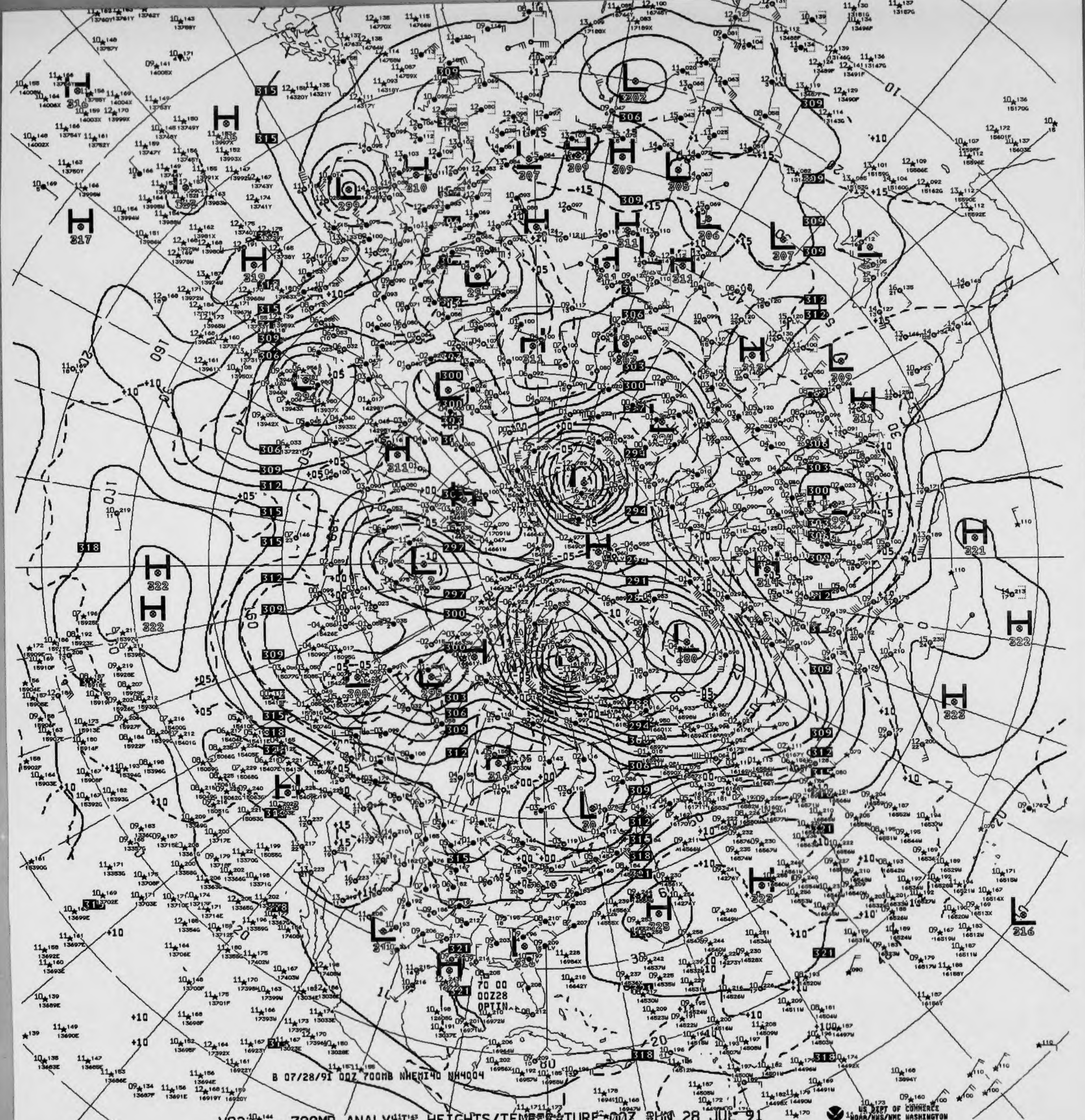
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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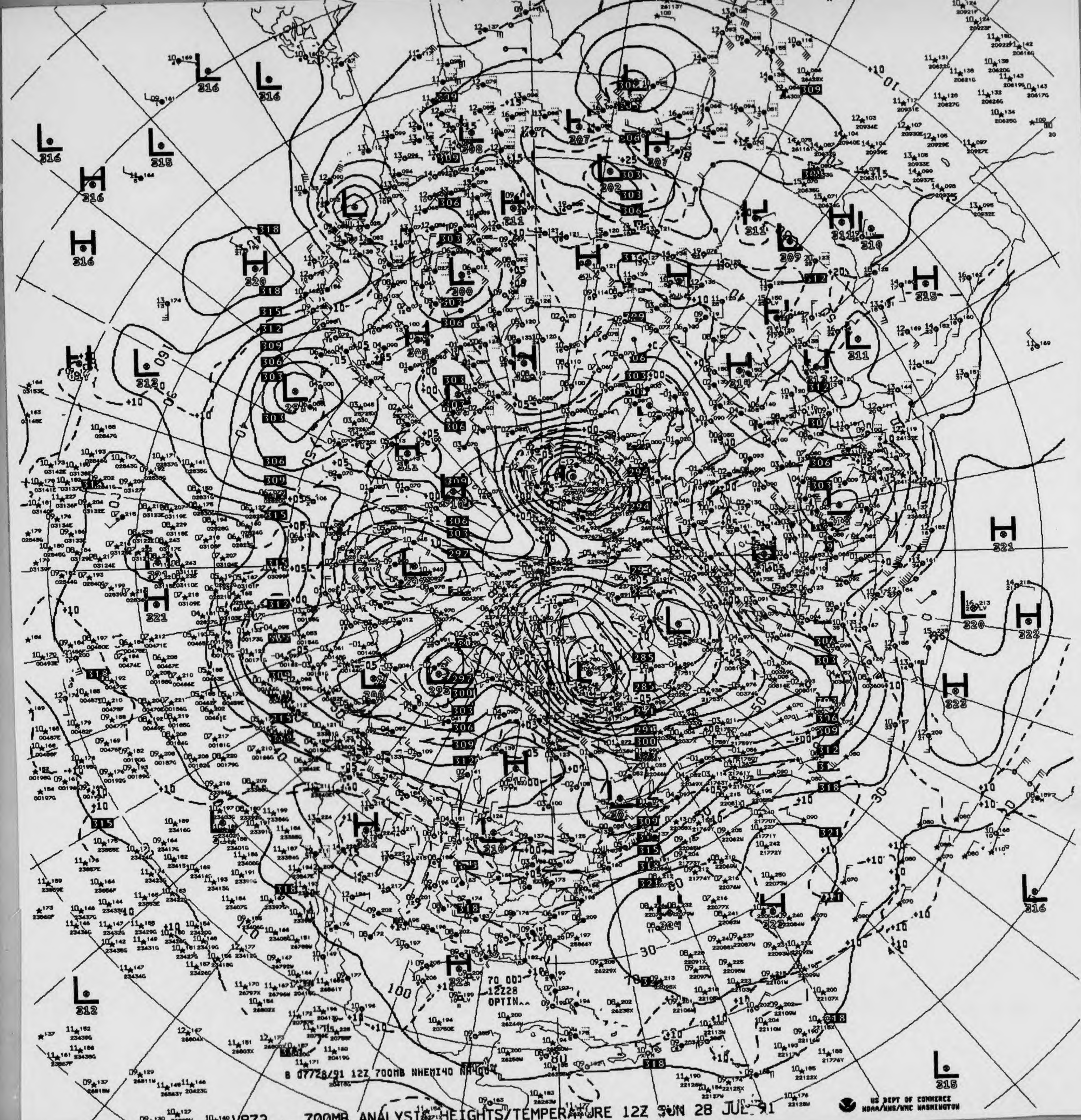
V822 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 28 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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B 07728/91 12Z 700MB NHEMI40 NA
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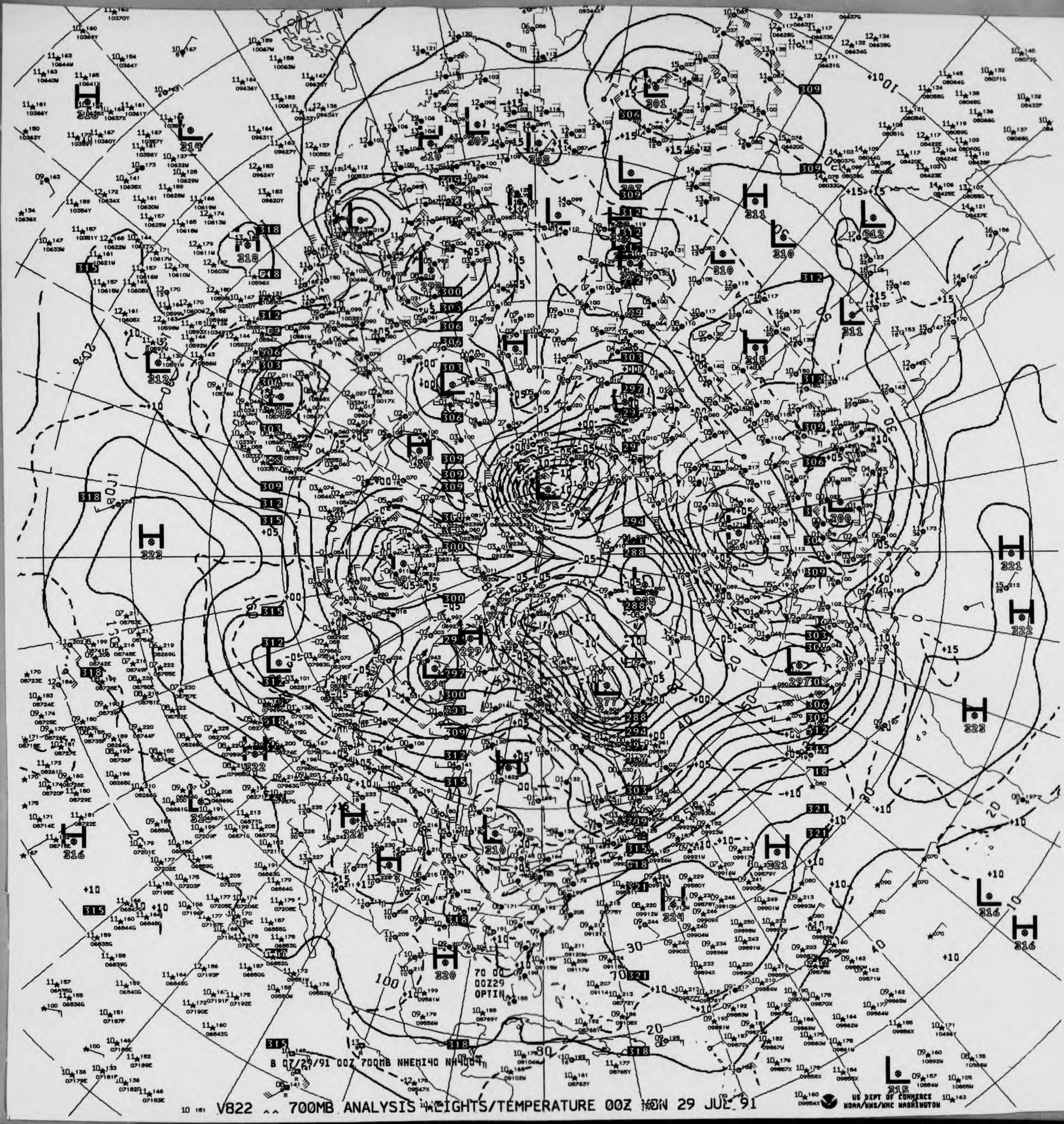
V872 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 28 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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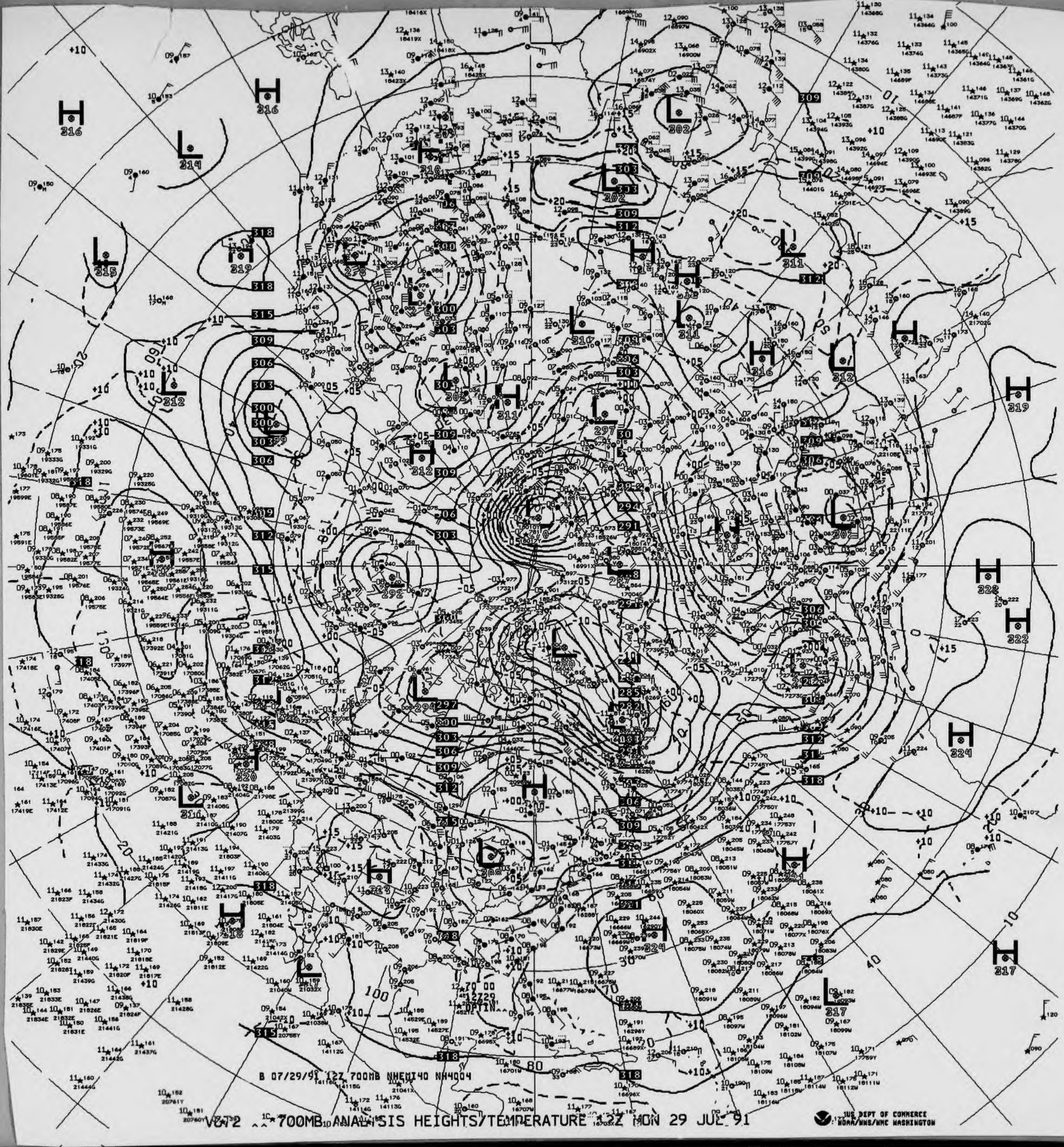
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V822 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 29 JUL 91



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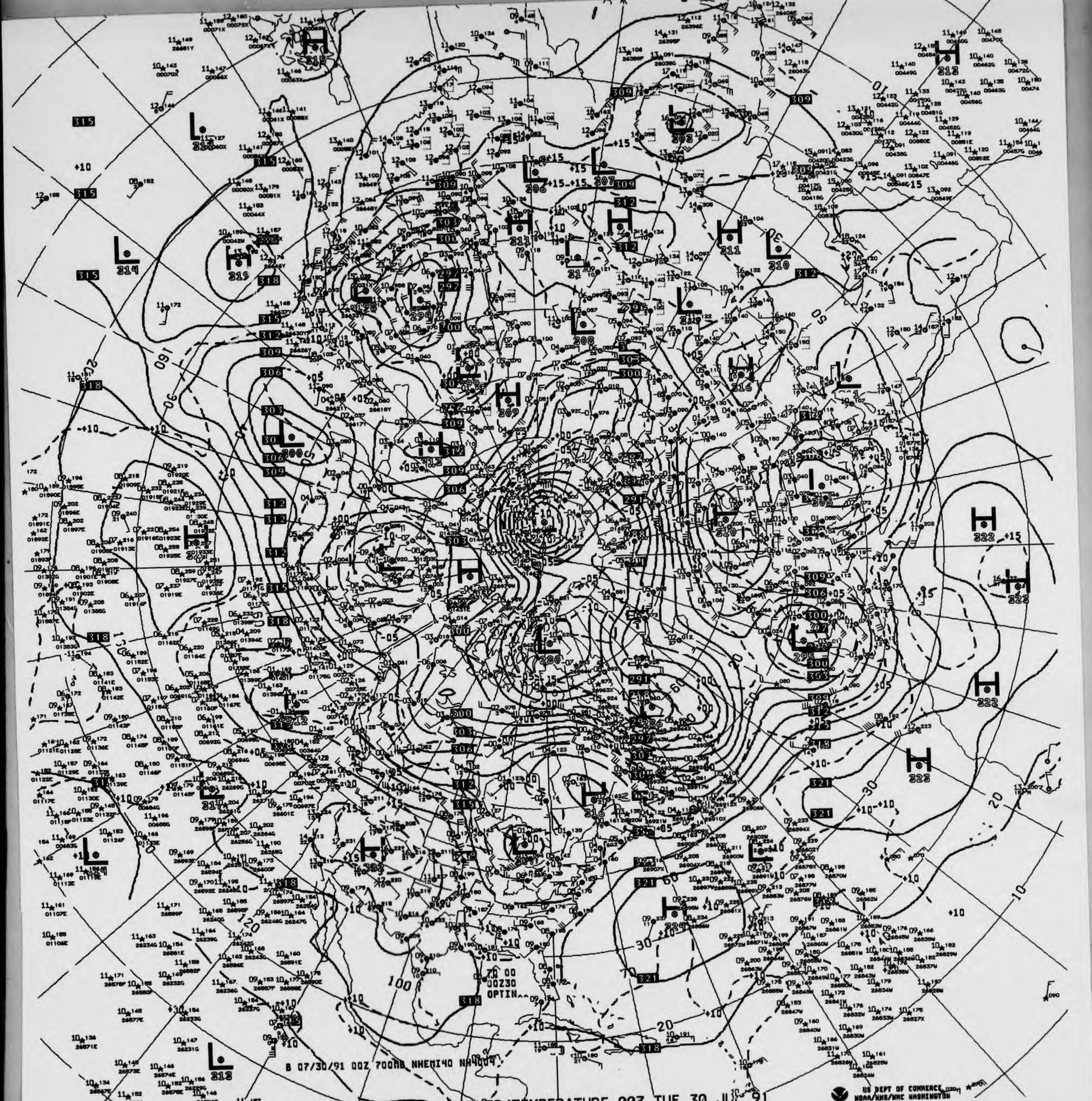
VOT2 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 29 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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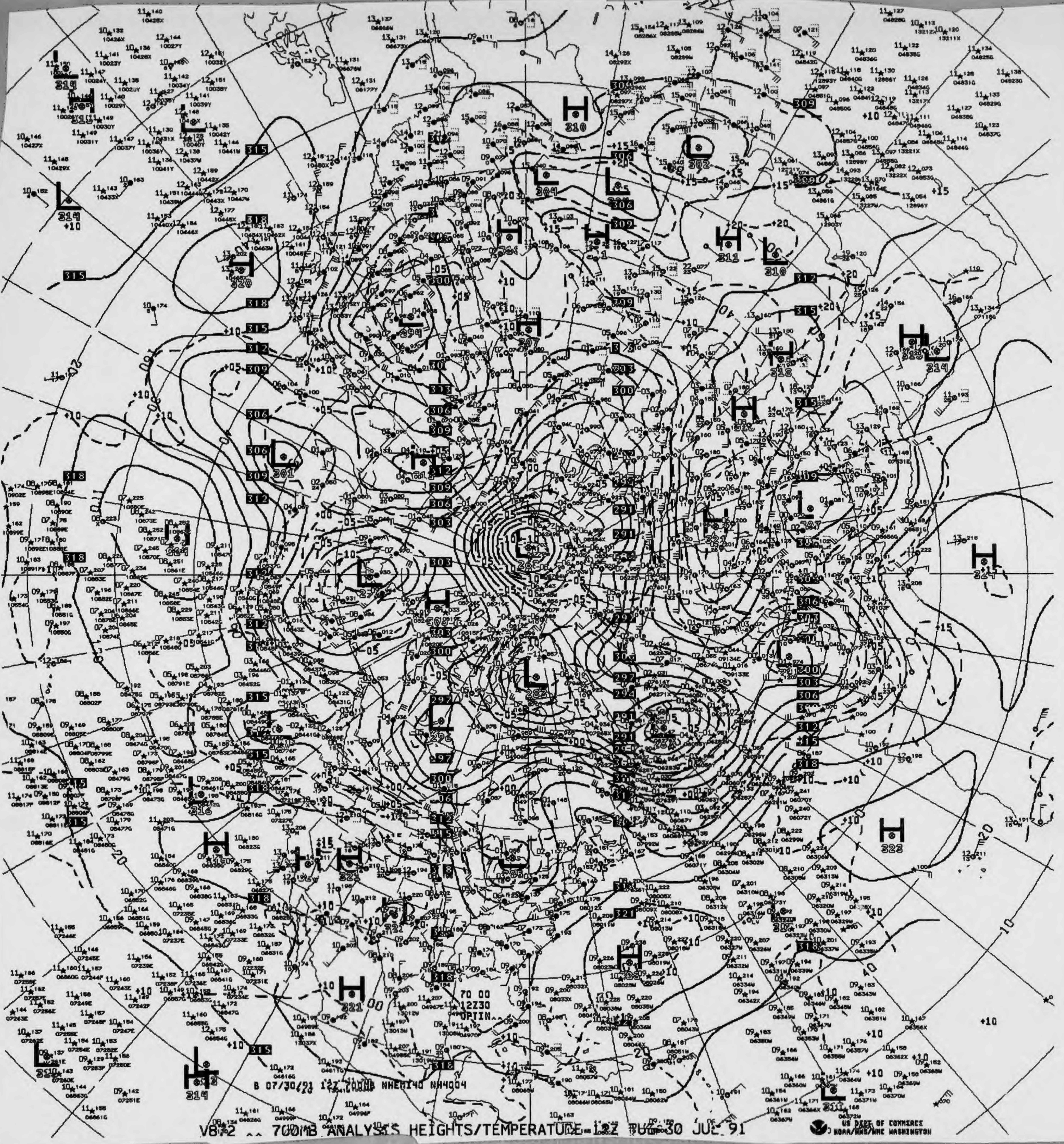
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V622 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 30 JUL 91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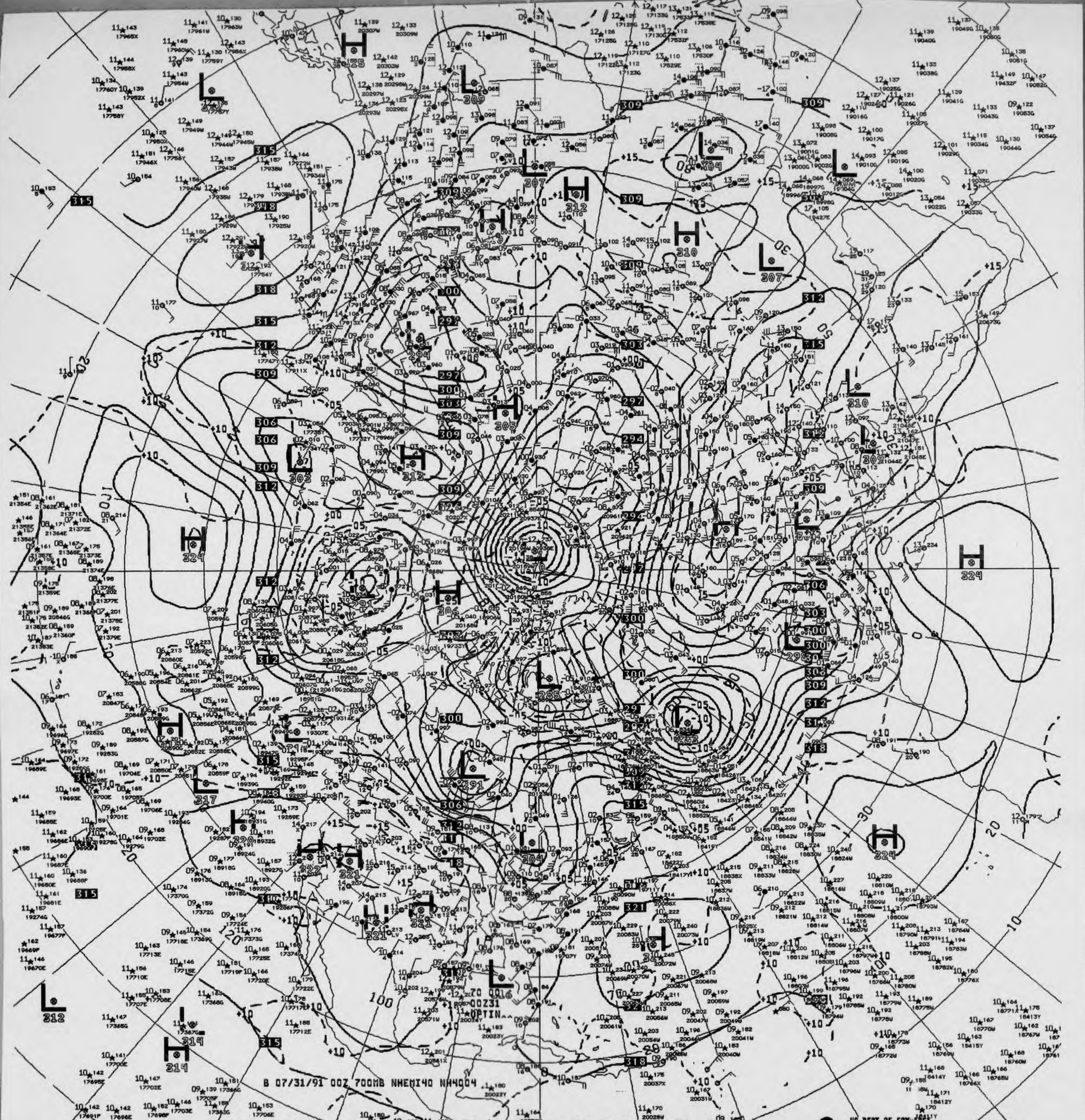
V8-2 .. 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 30 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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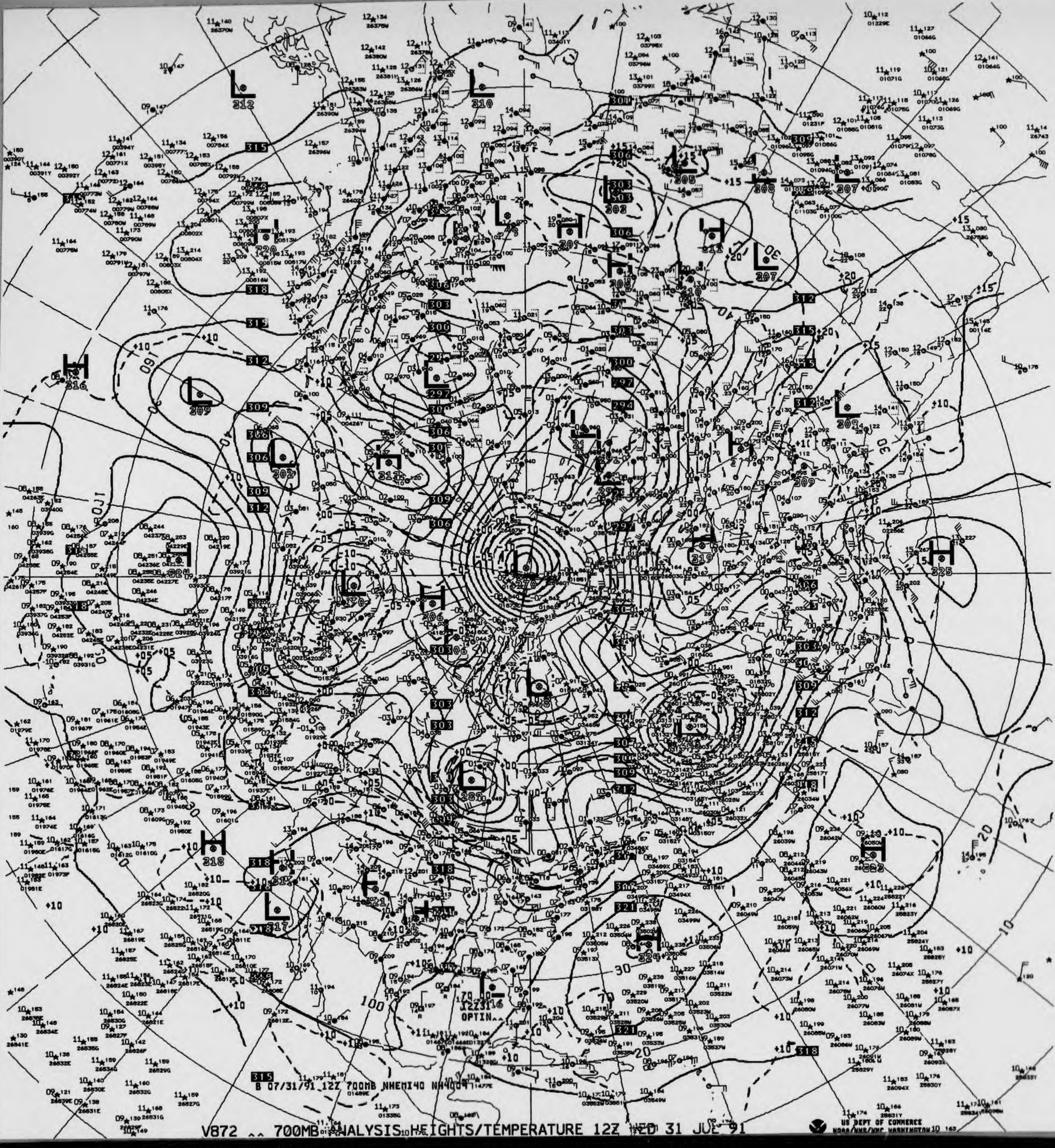
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/31/91 12Z 700MB NHEMI40 NH4004

V872 ^^ 700MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 31 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

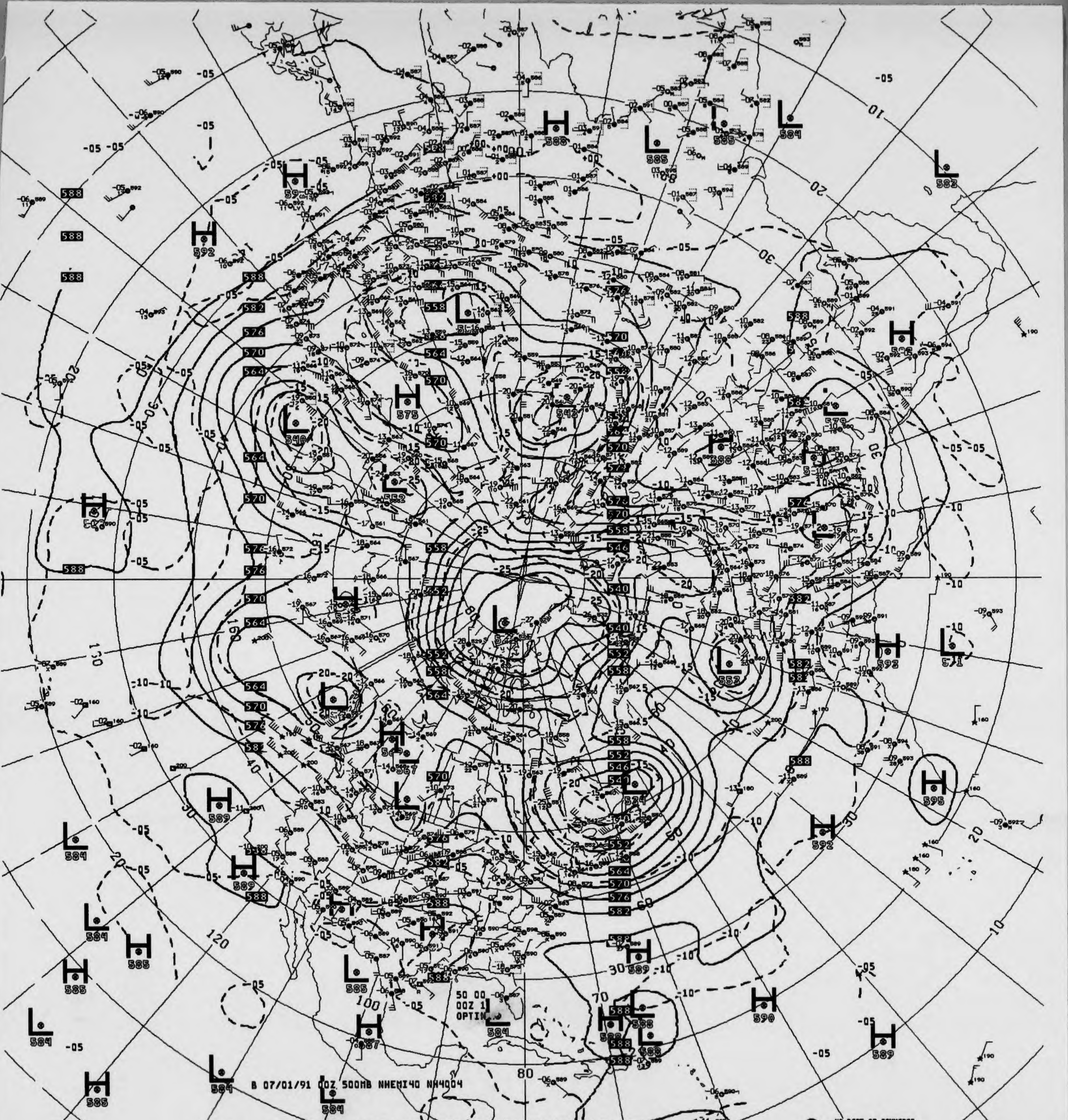
OAA Form 48 - 362B
Rev. 8 - 83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Se
National Climatic Data Center

500 MB CONSTANT PRESSURE CHARTS

NORTHERN HEMISPHERE NWP

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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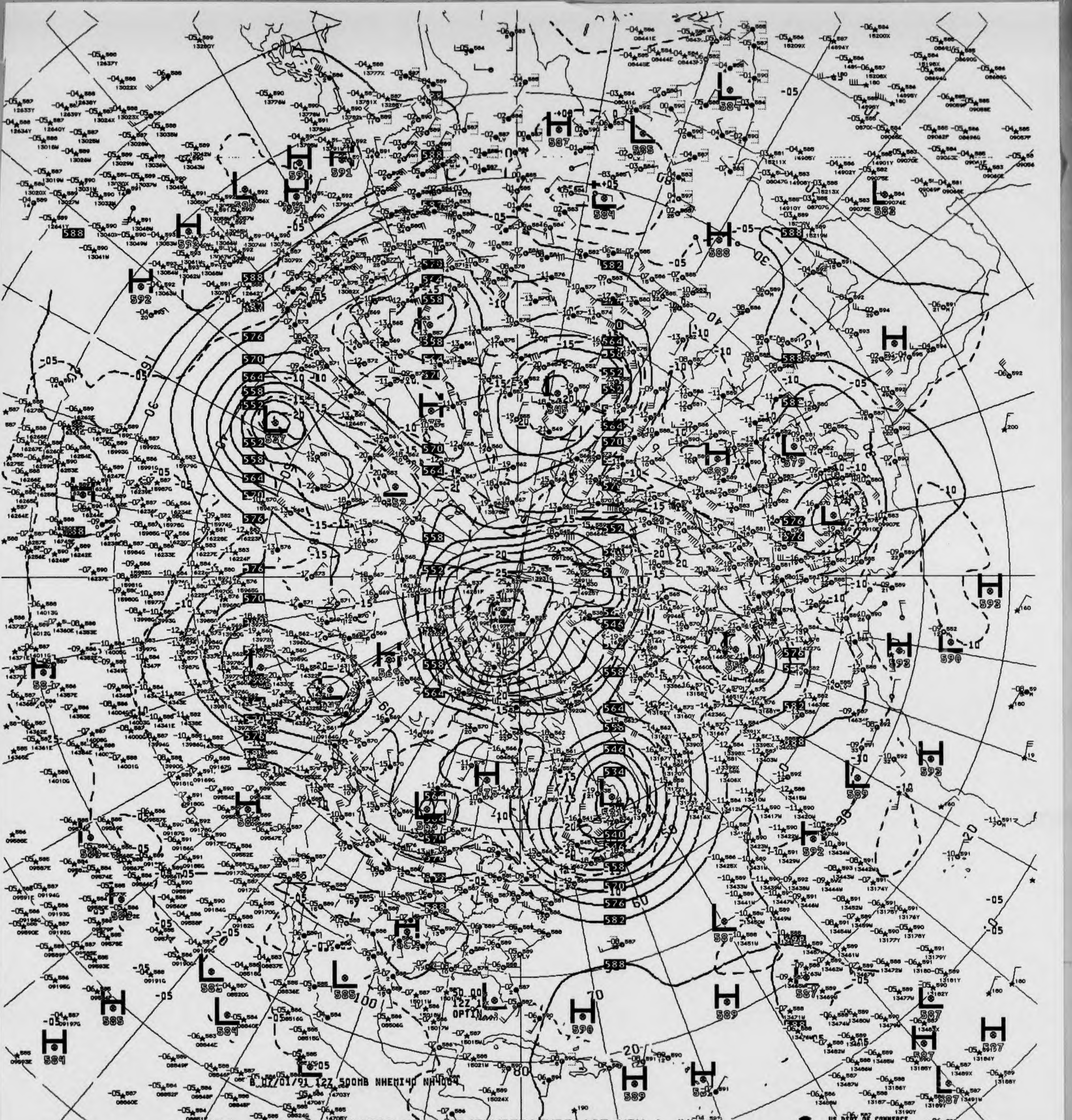
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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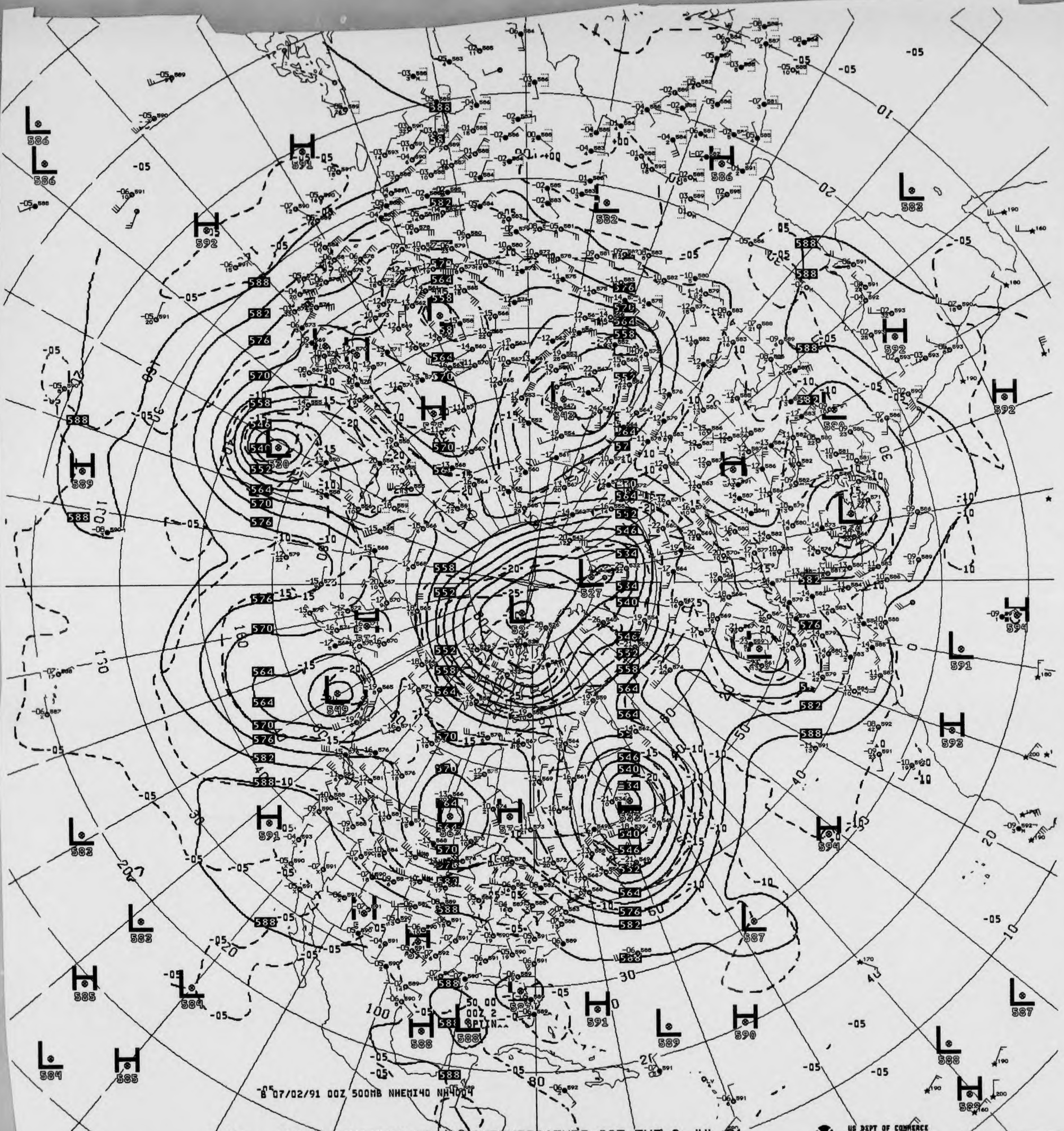
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 1 JUL 91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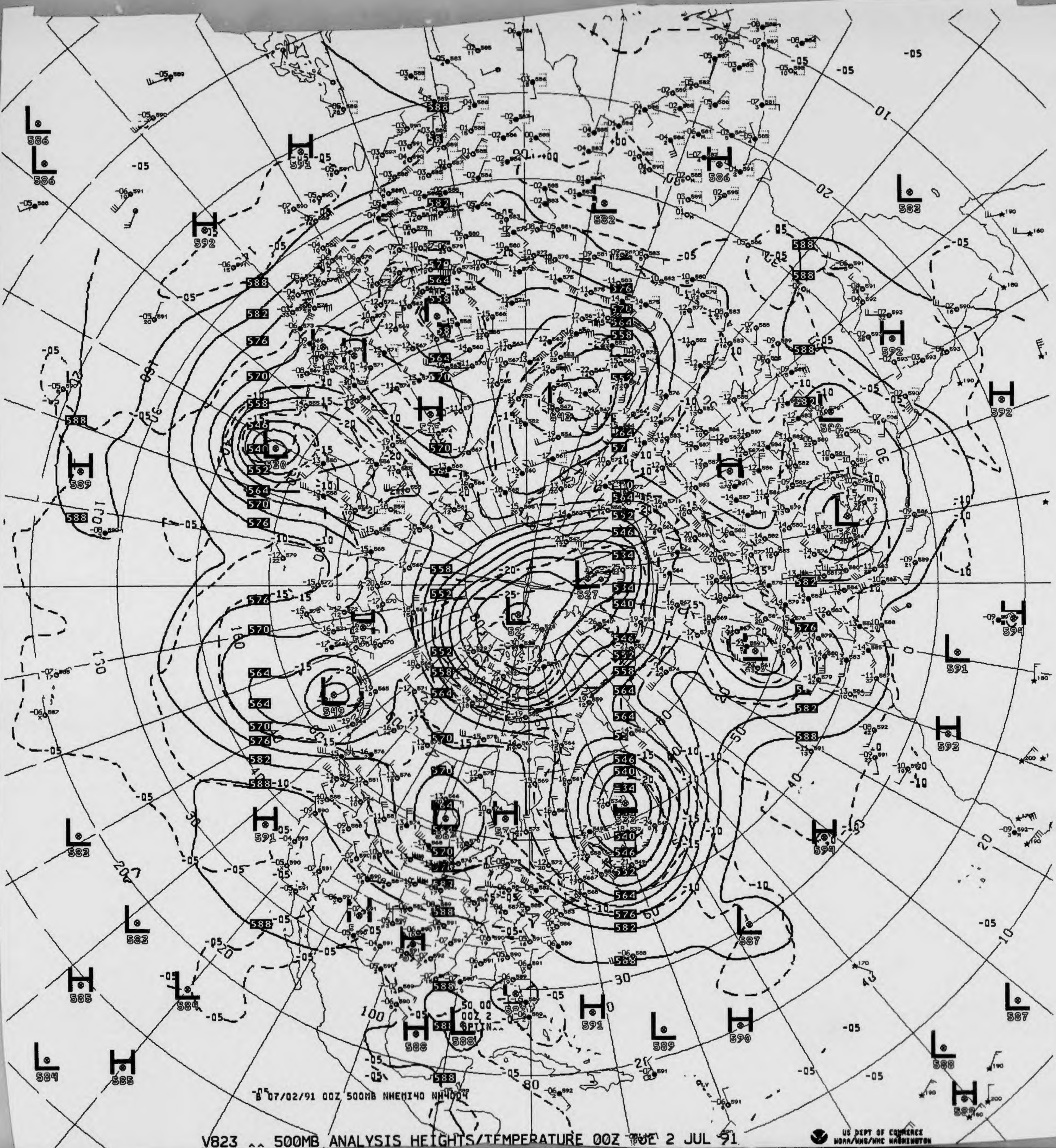
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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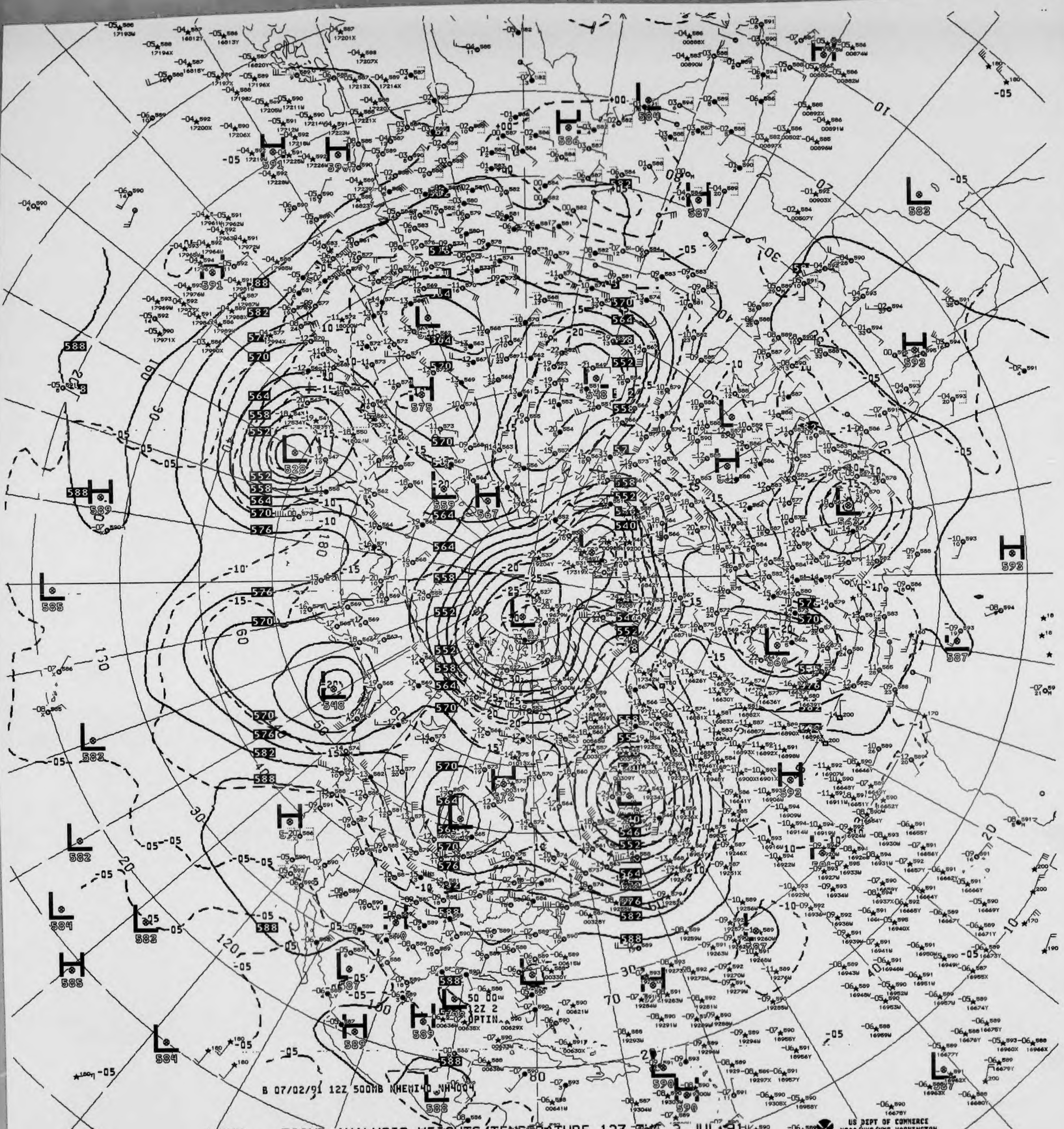
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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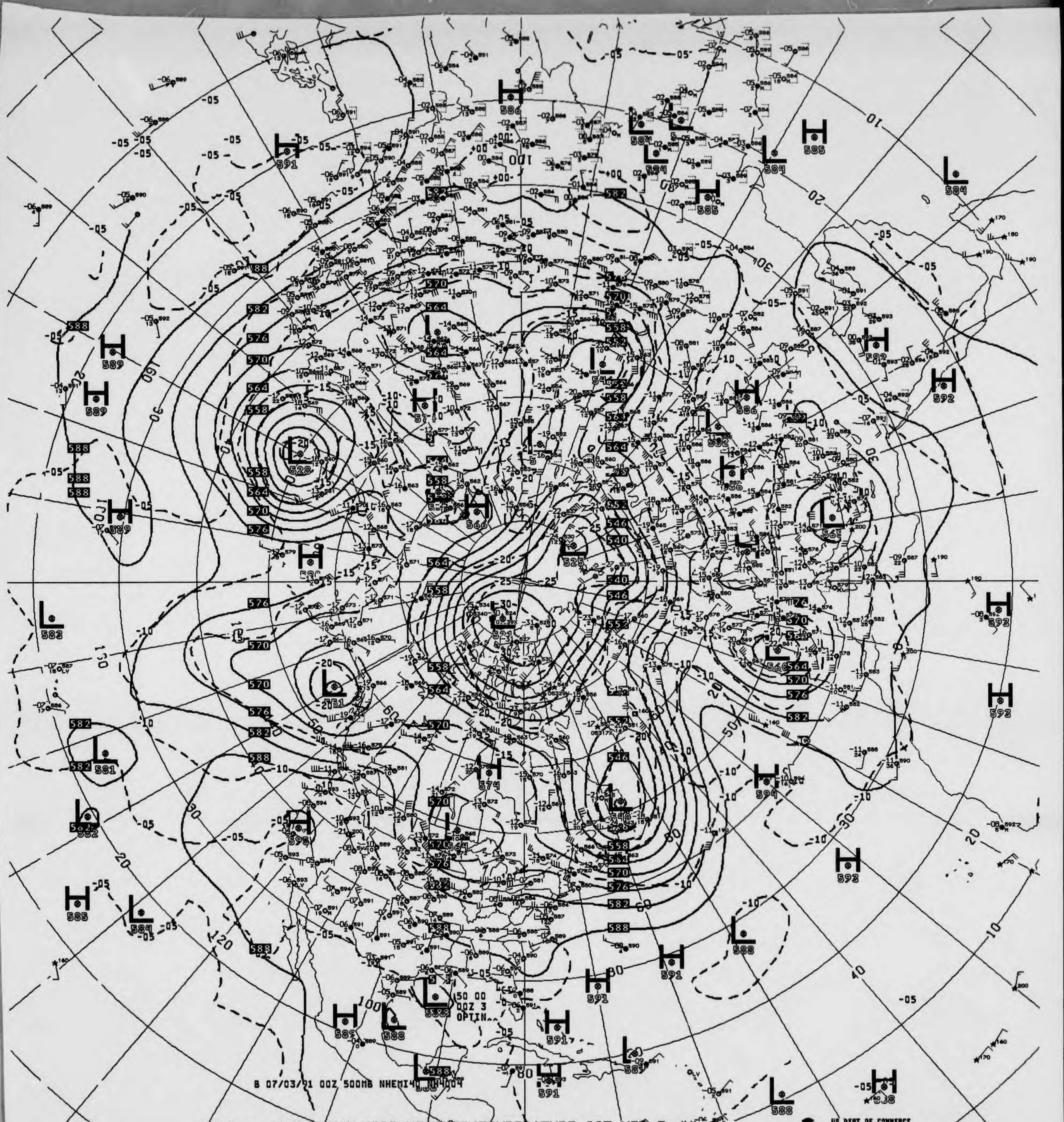
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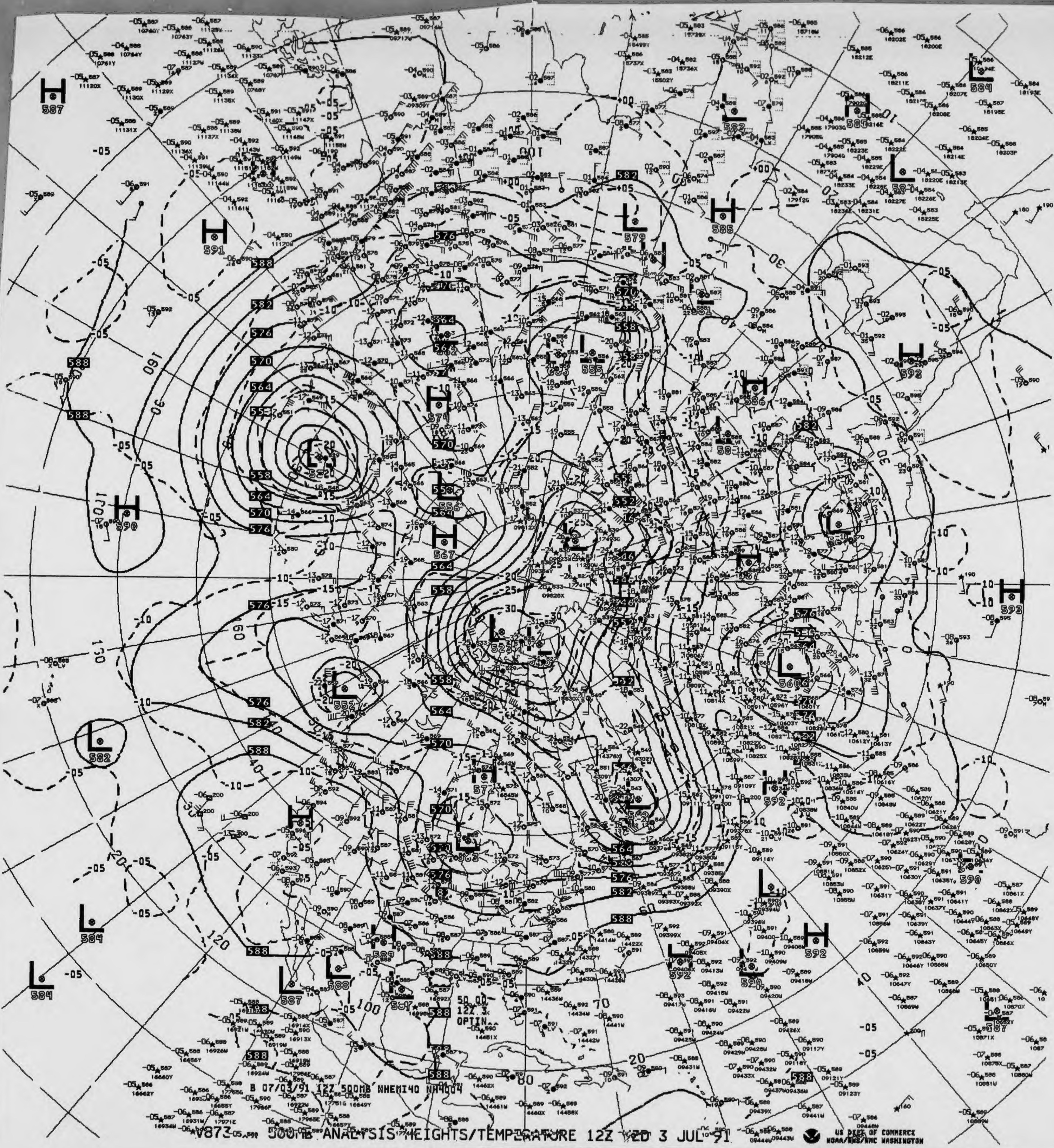
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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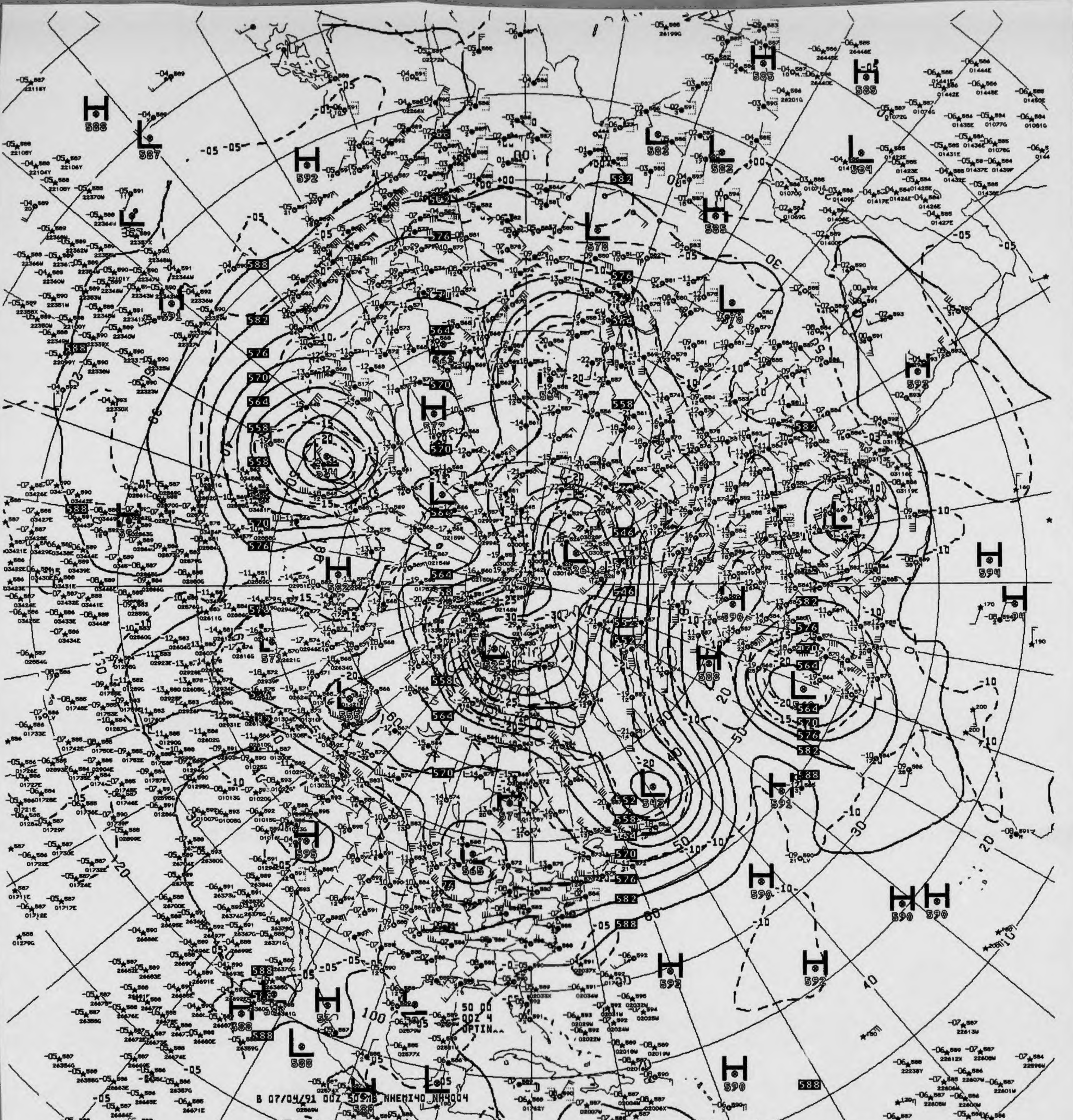
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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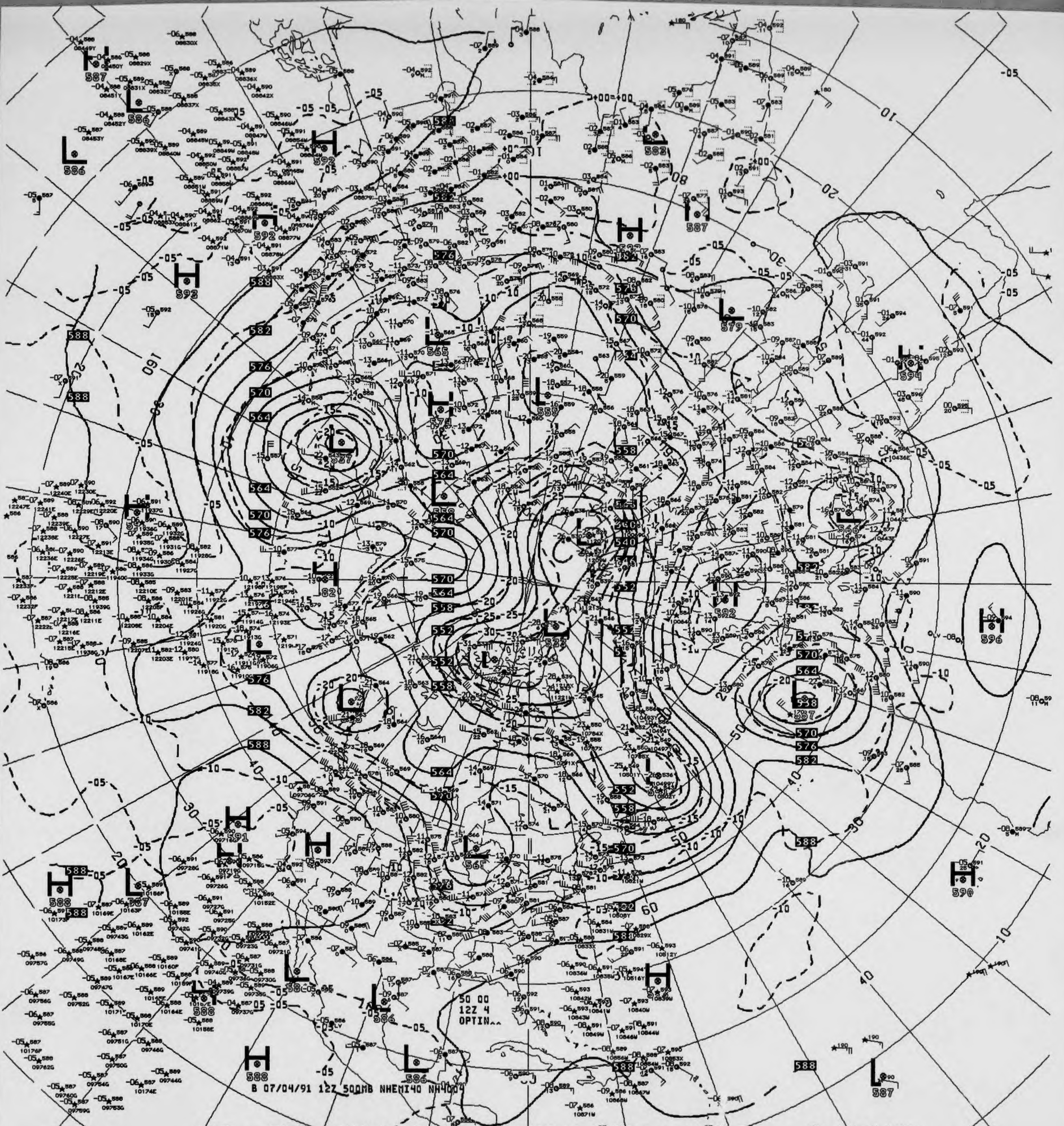
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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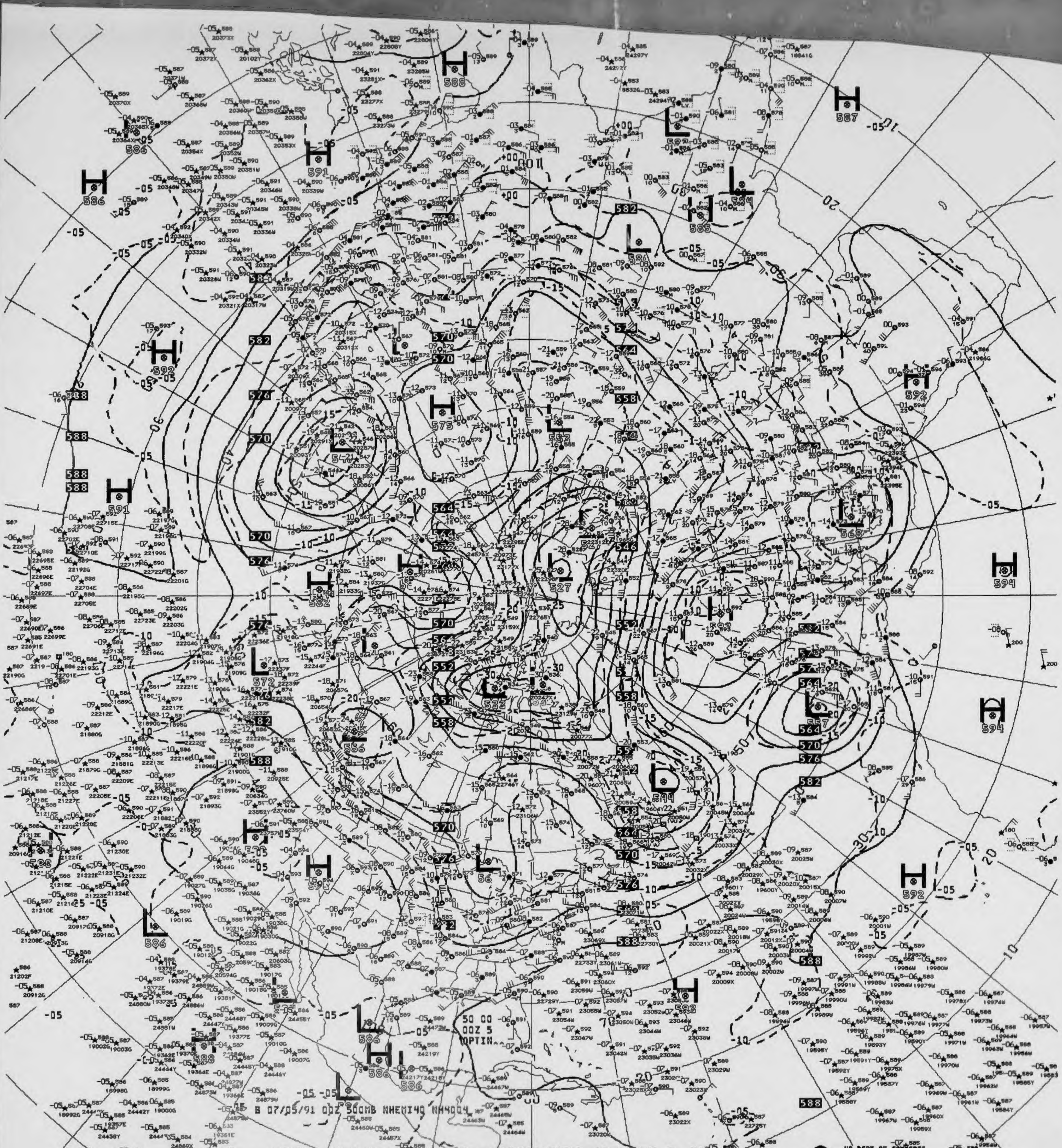
V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 4 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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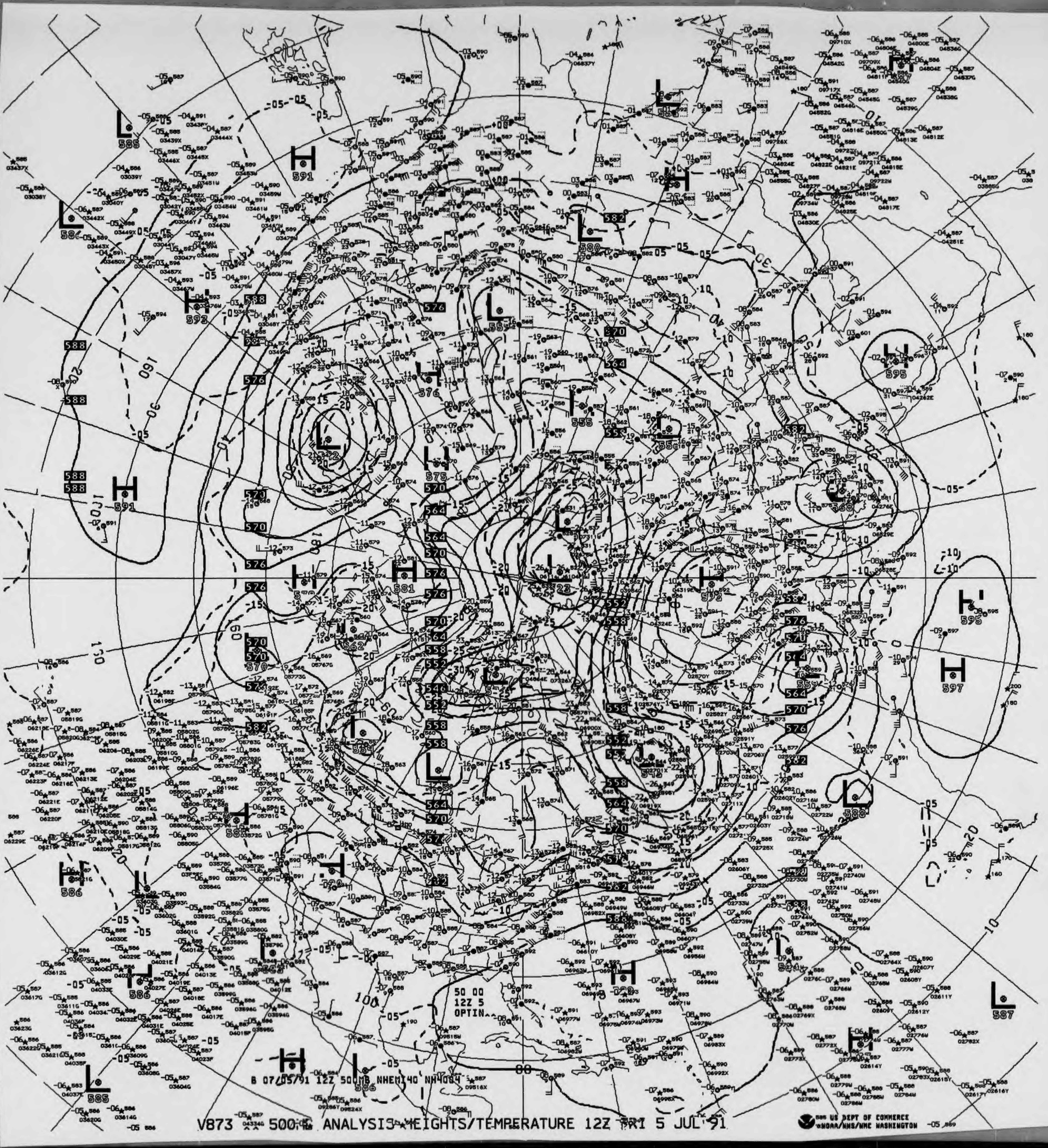
V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 5 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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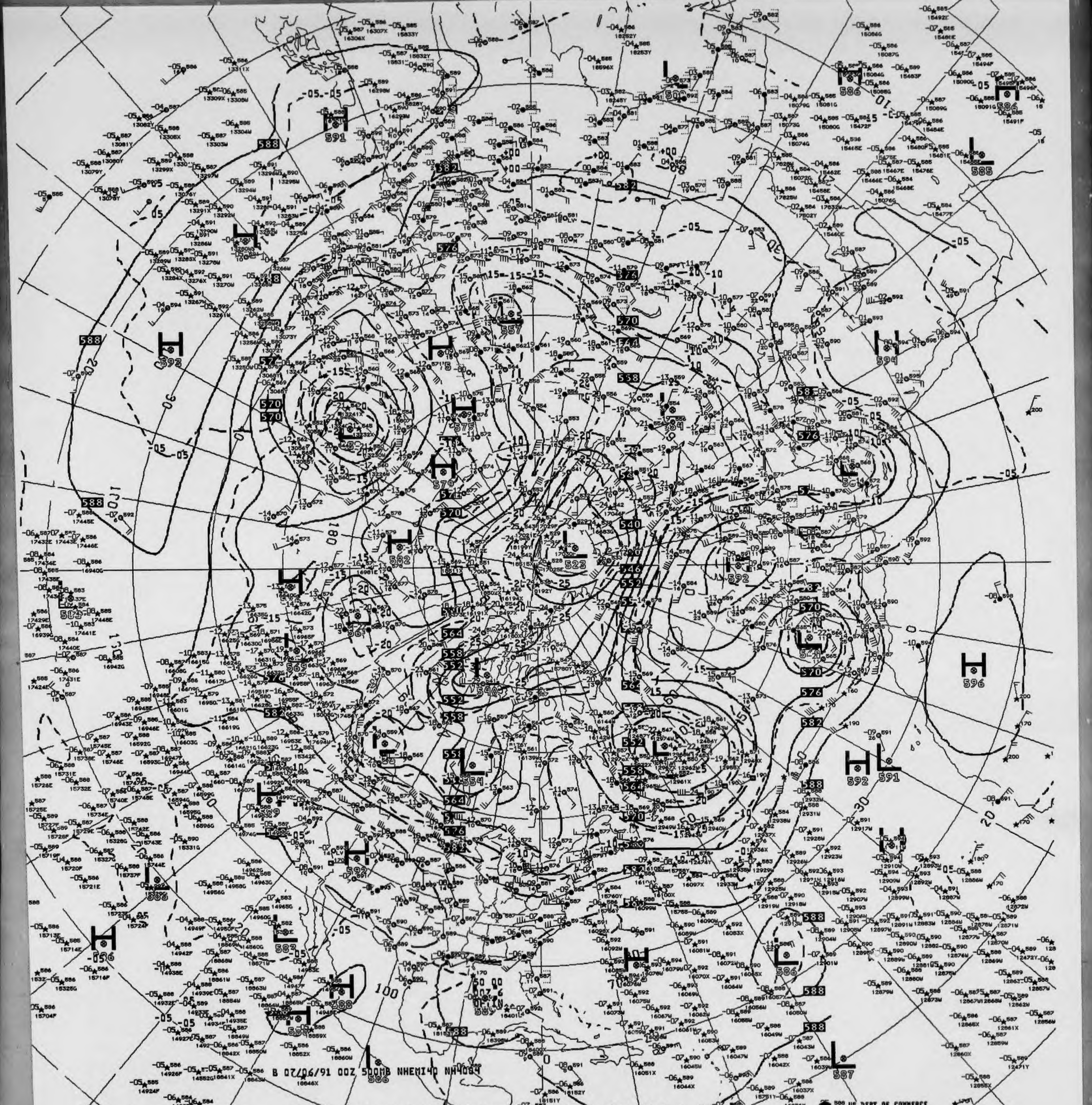
V873 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 5 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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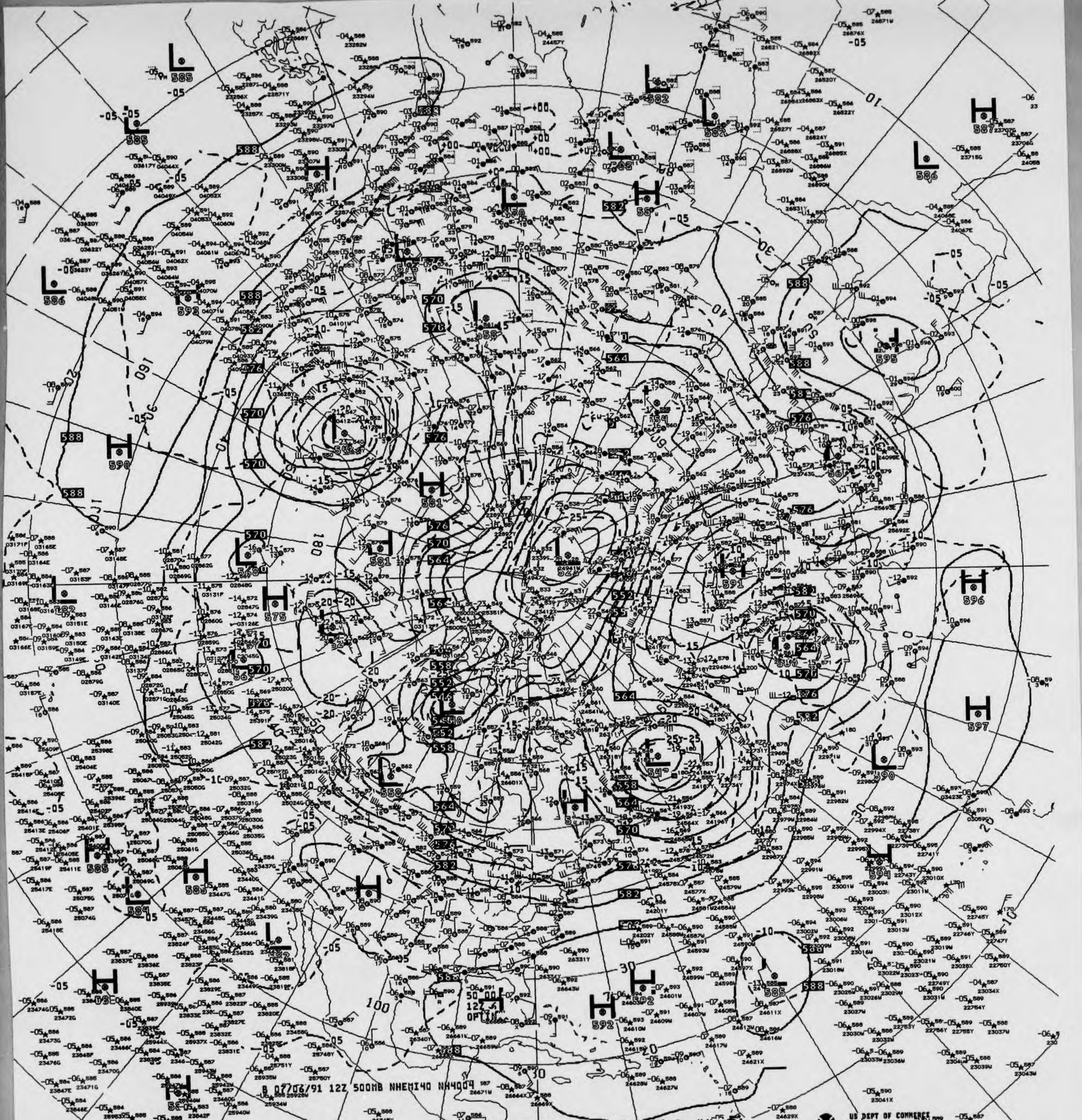
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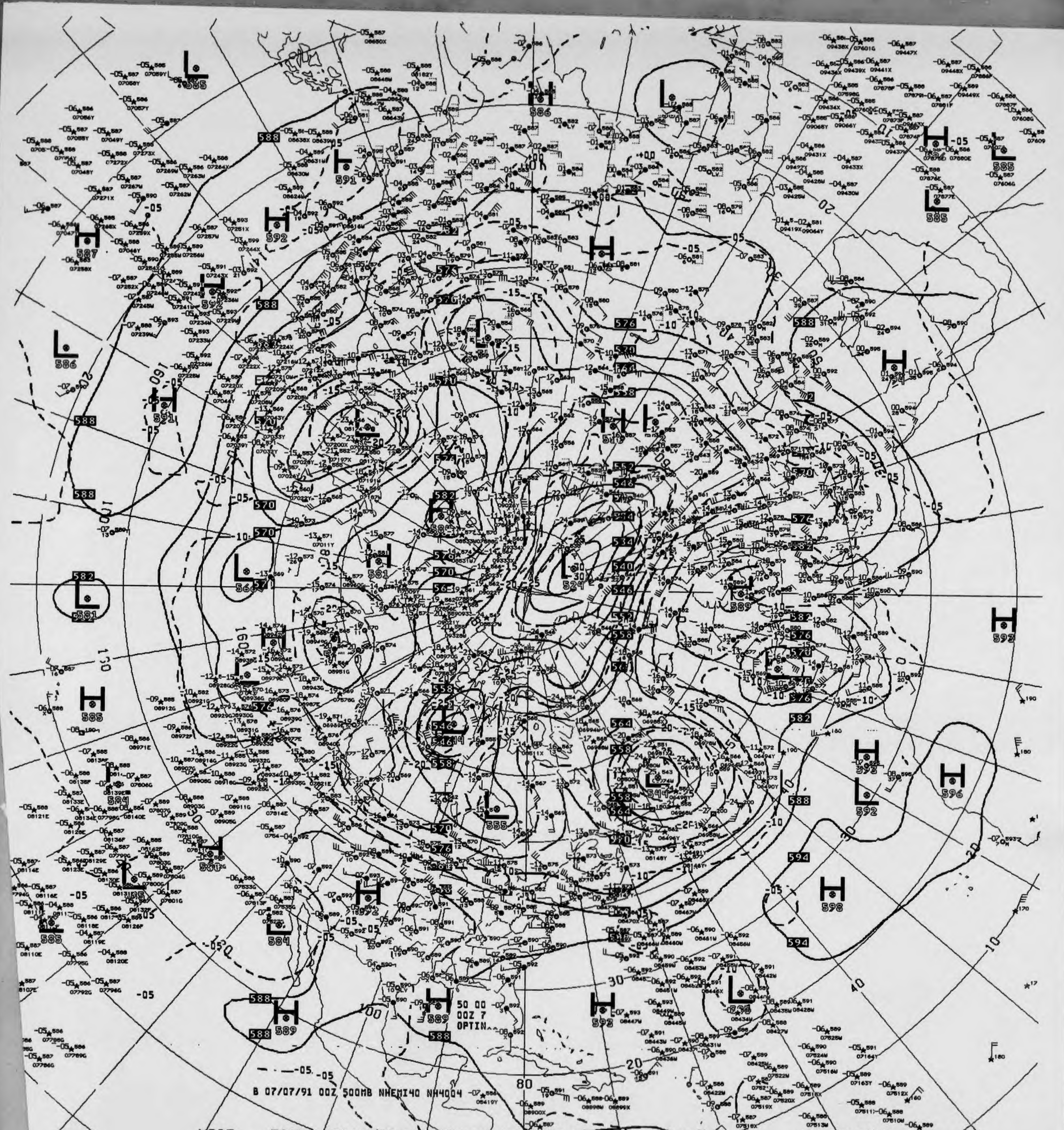
V873 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 6 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z 7
OPTIN
80
588
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564
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534
582
594
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592
598
596
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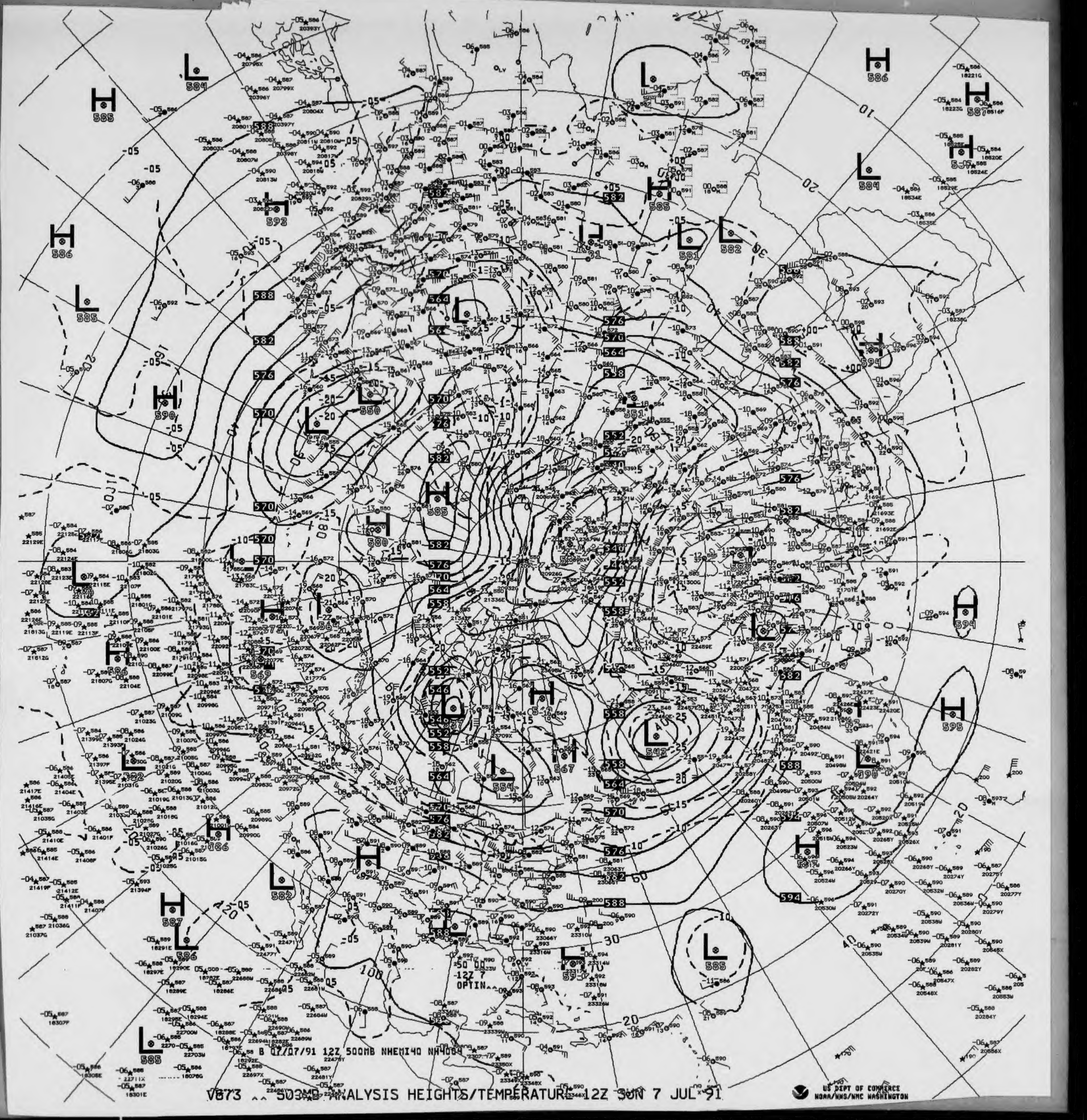
524

V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 7 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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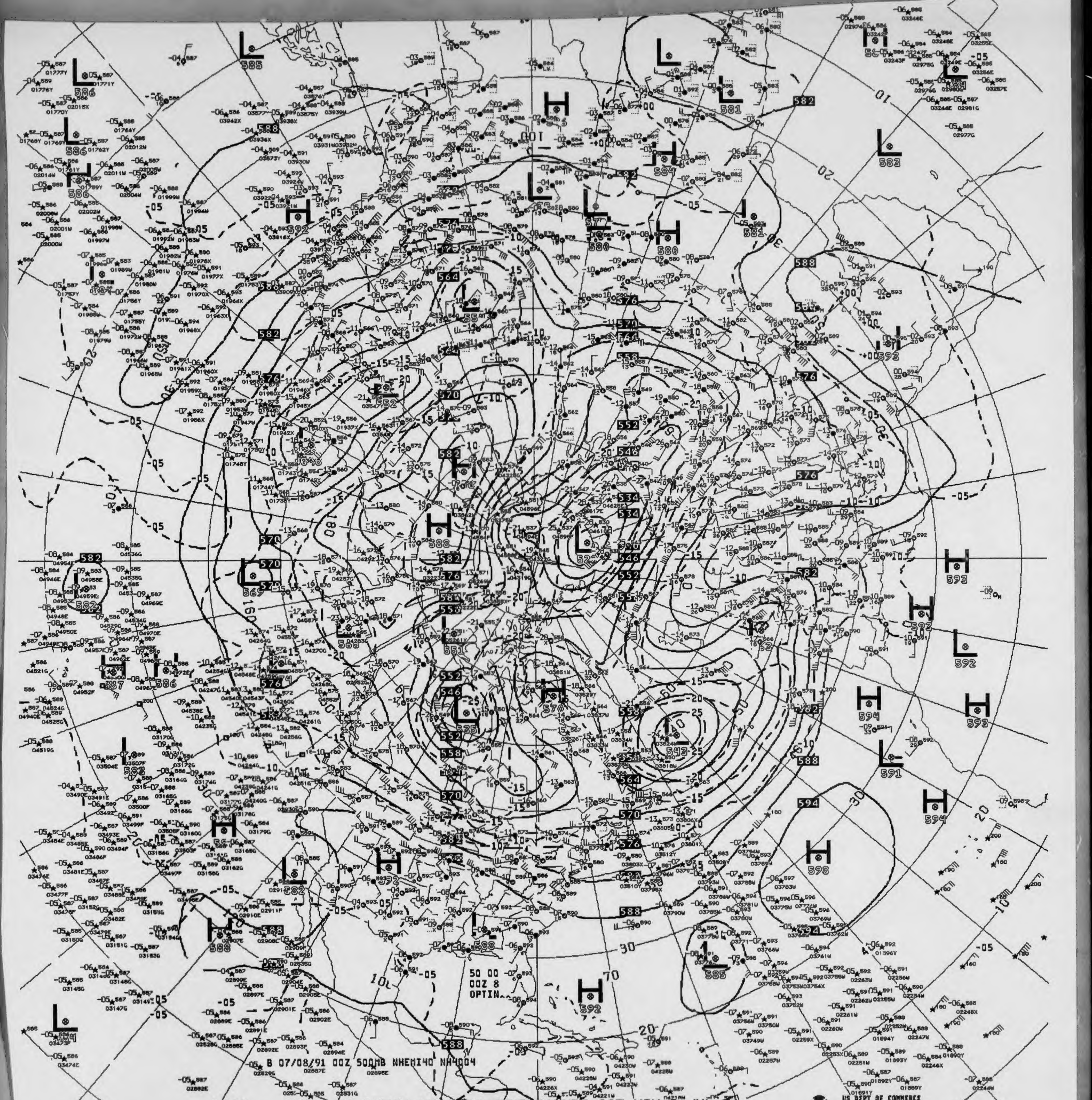
V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 7 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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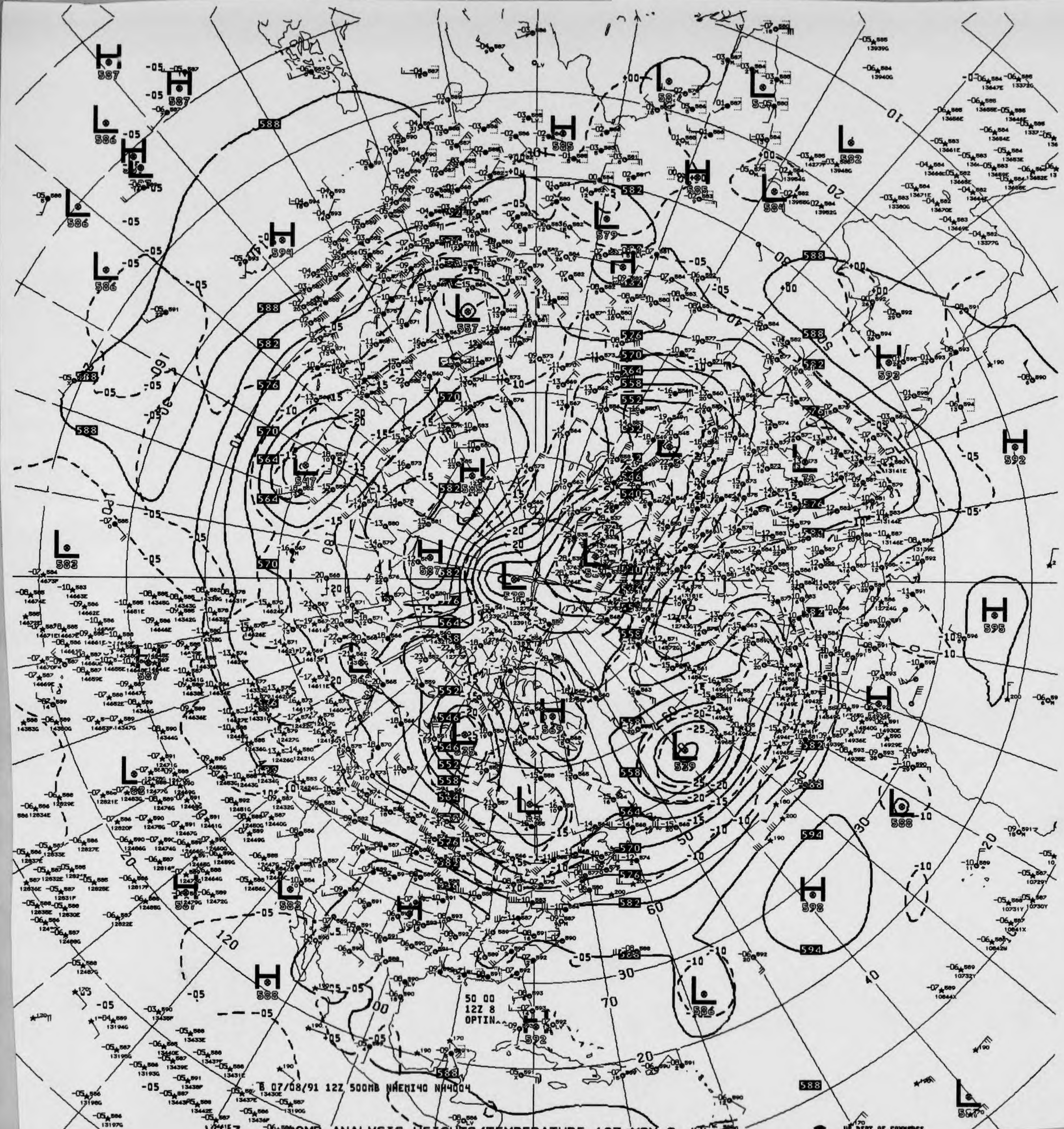
V823 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 8 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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-20
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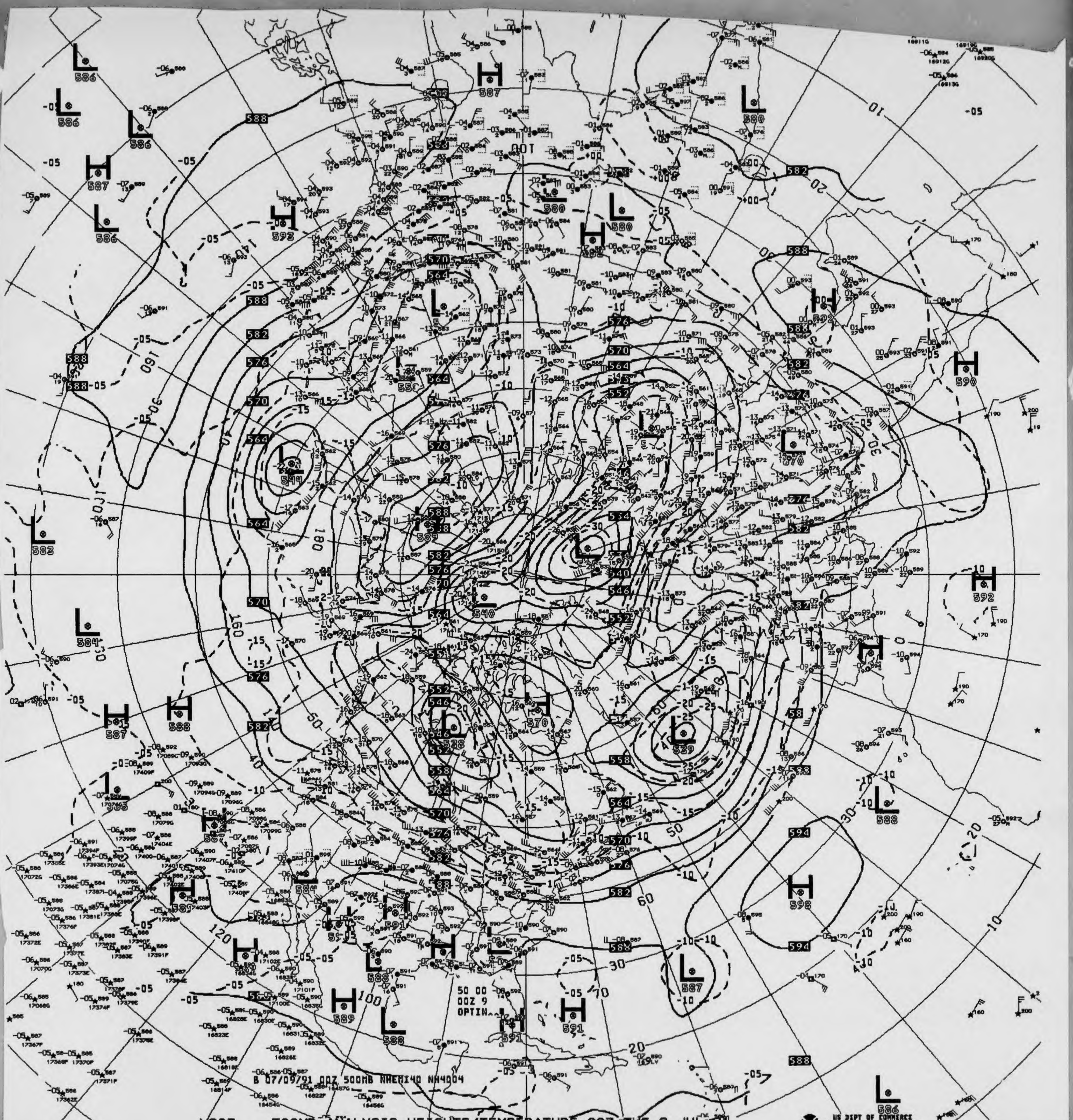
V873 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 8 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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OPTIN
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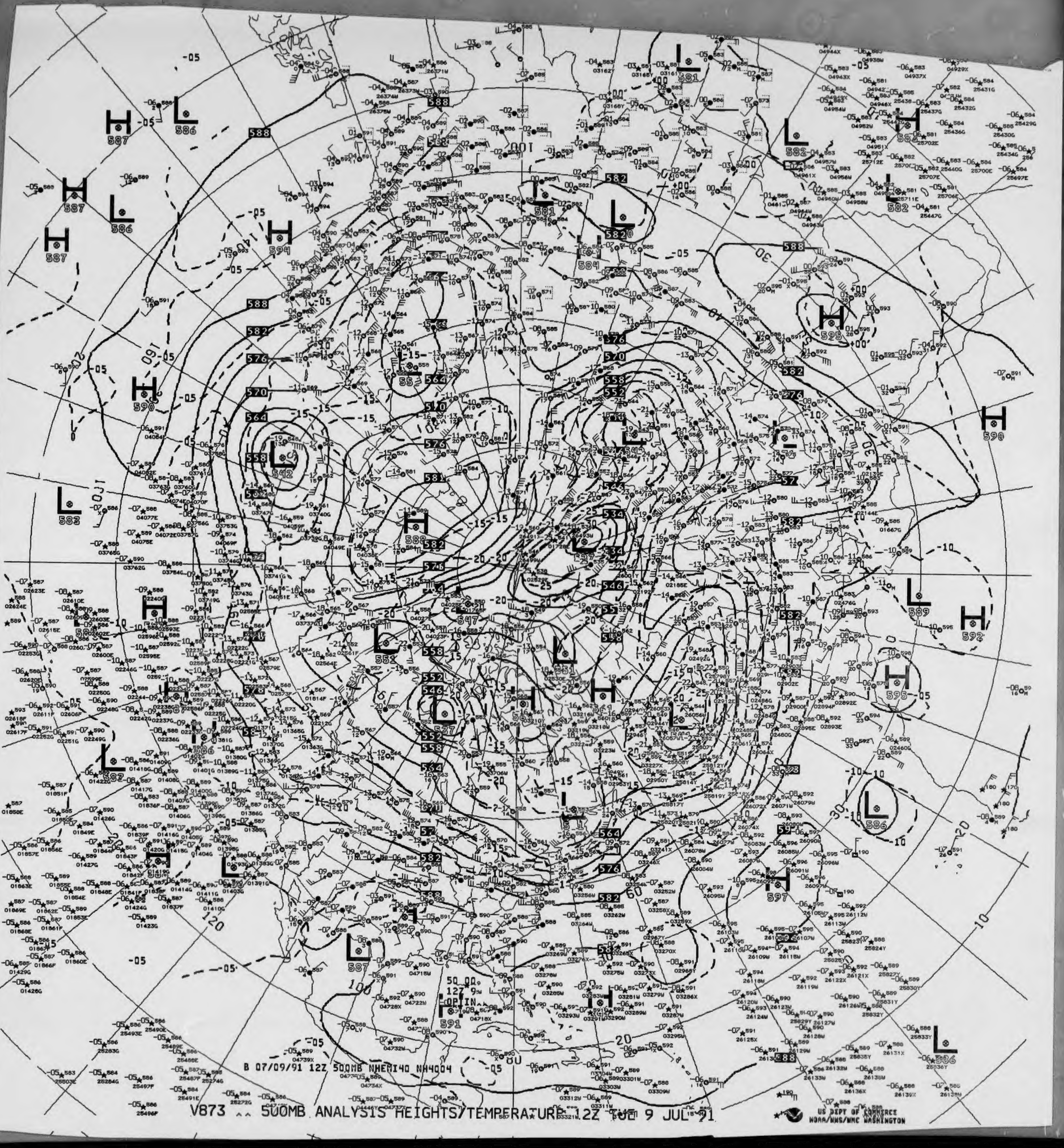
V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 9 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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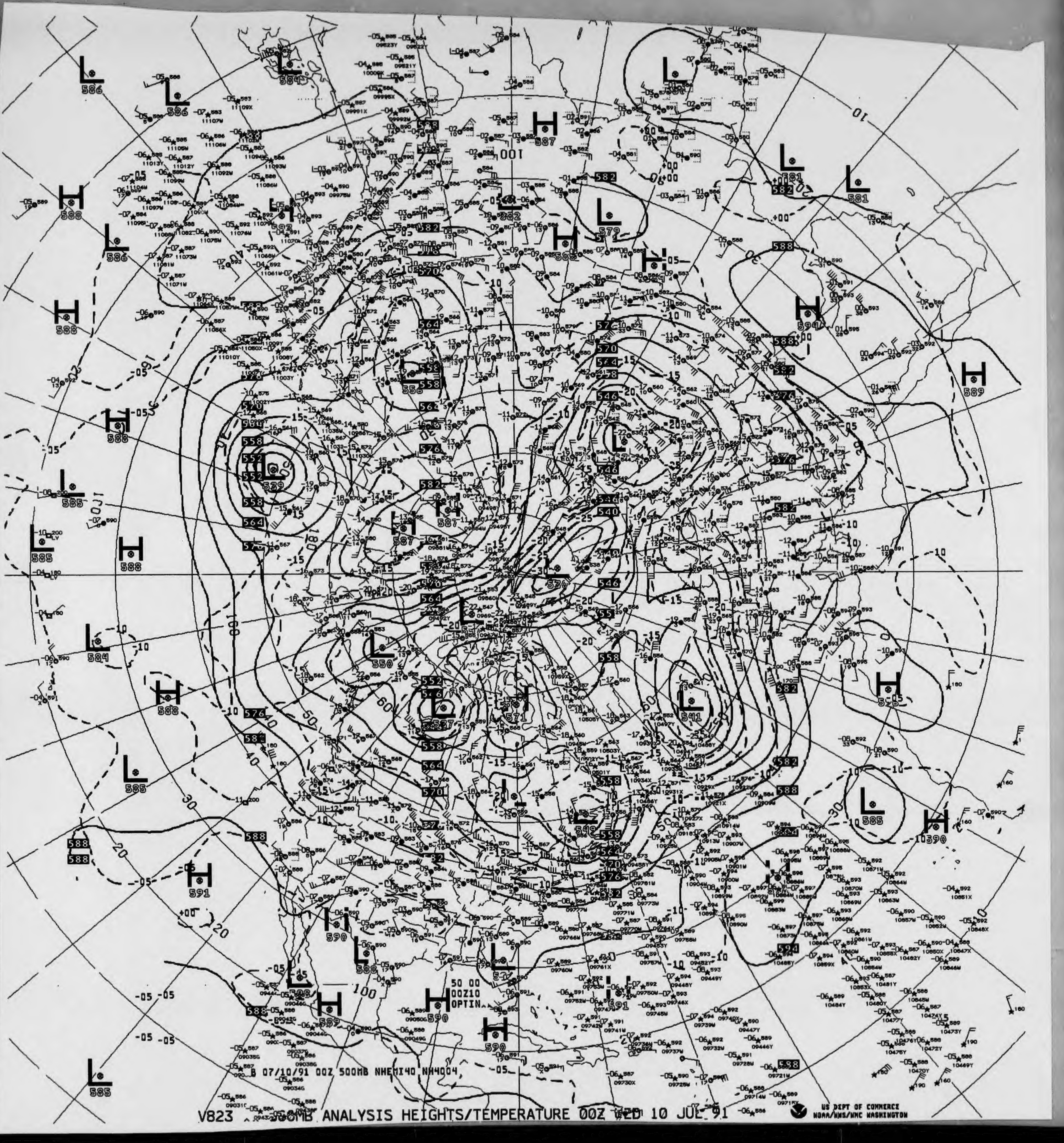
V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 9 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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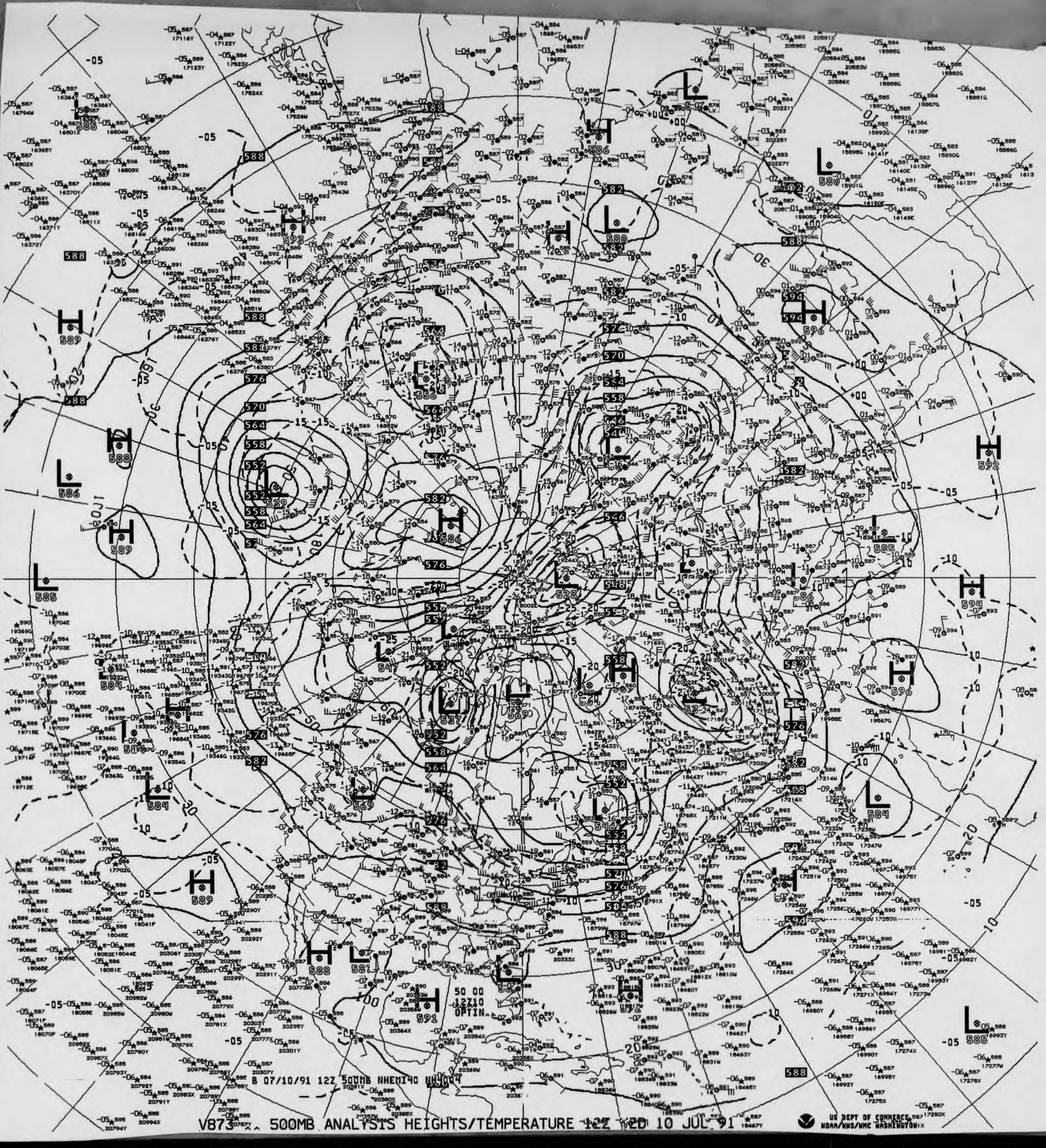
V823 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 10 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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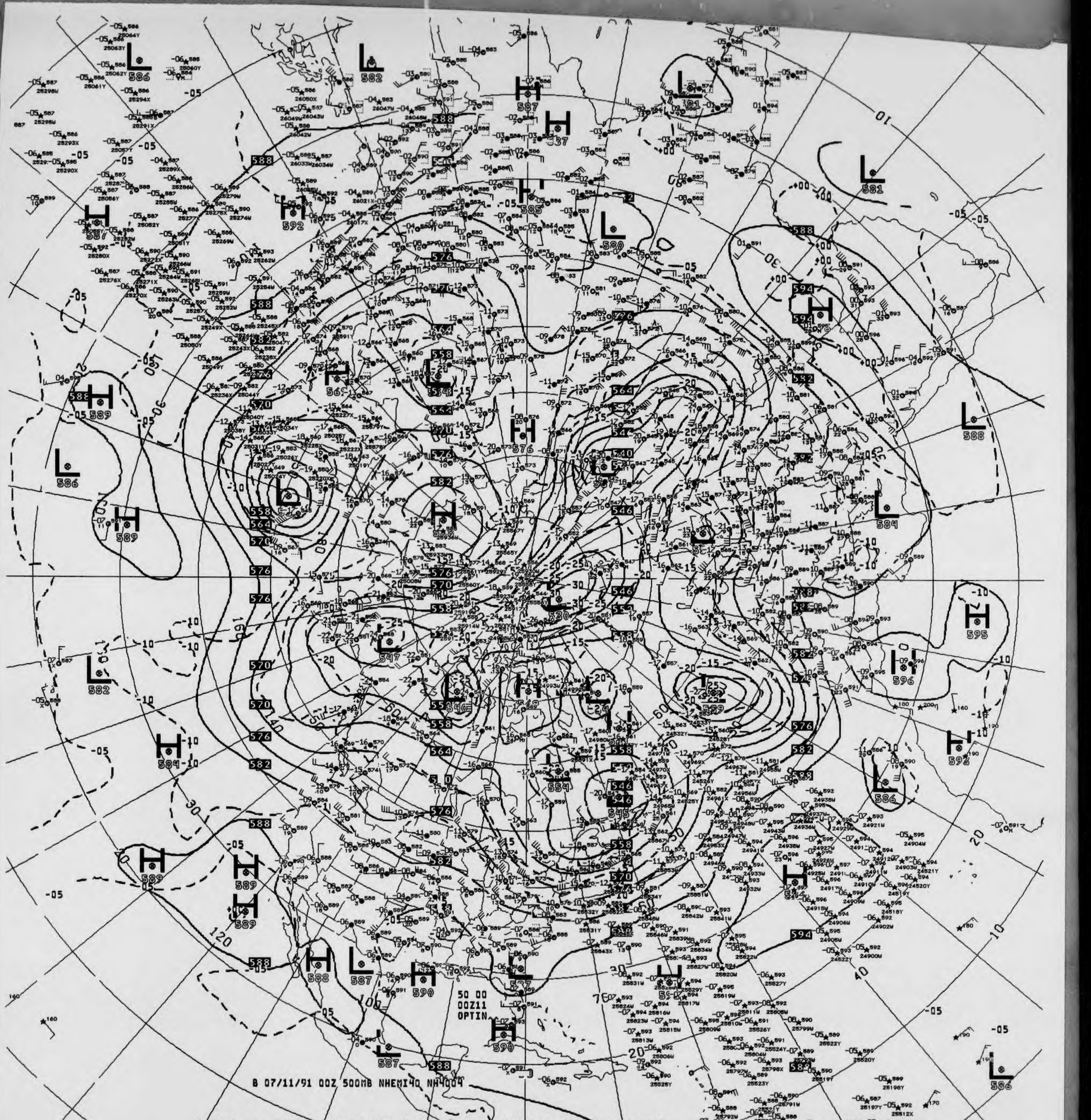
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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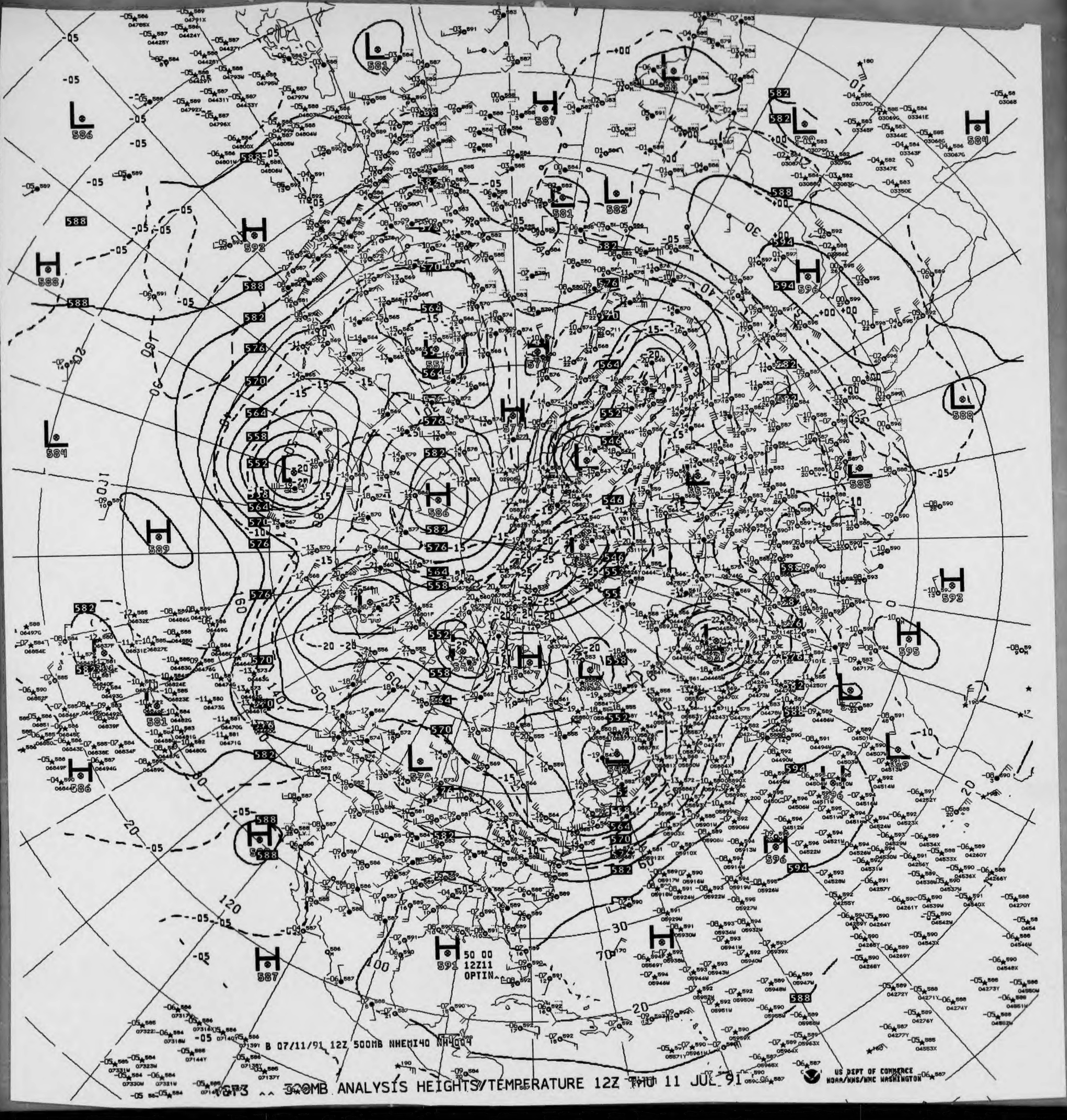
V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 11 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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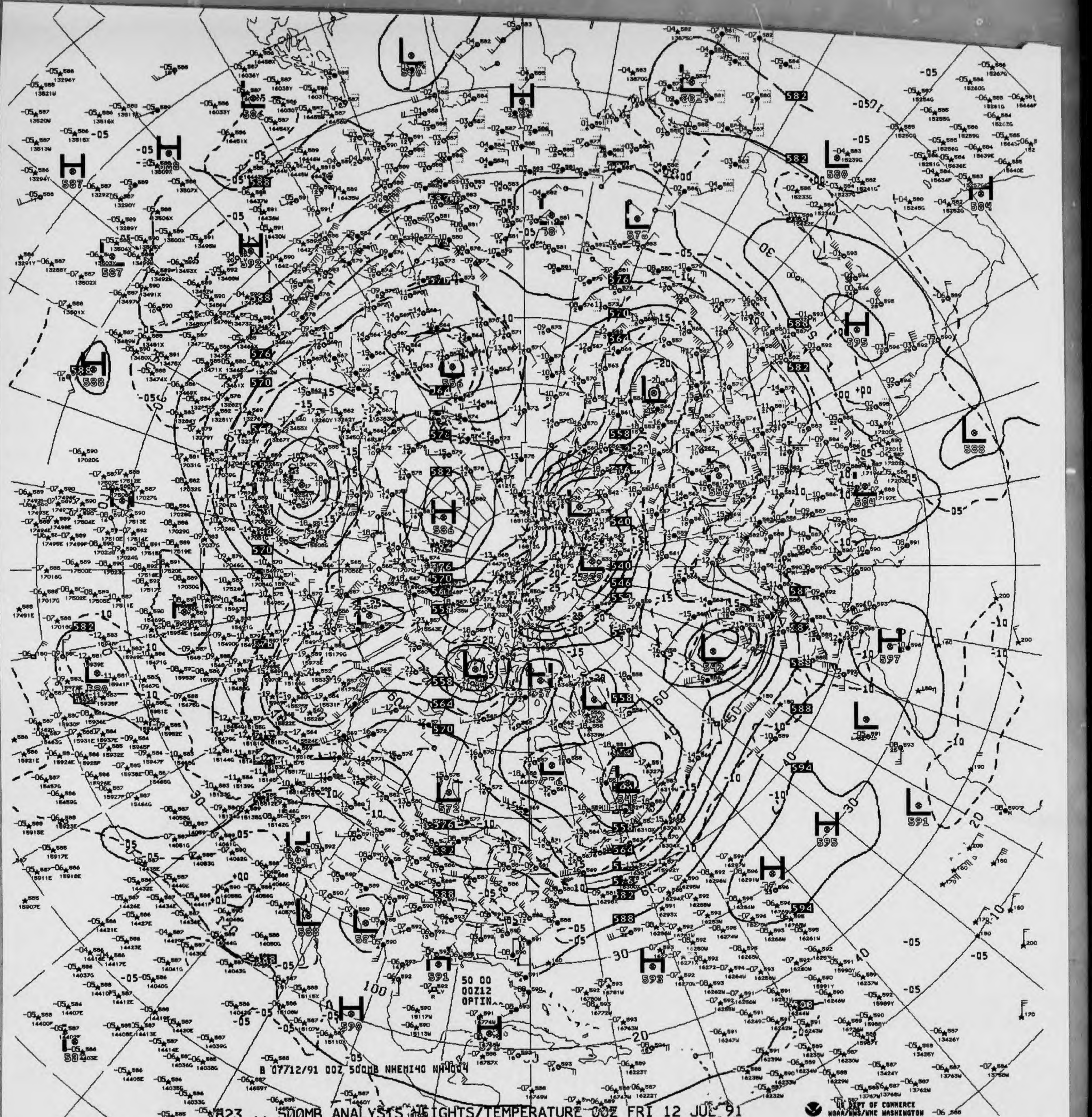
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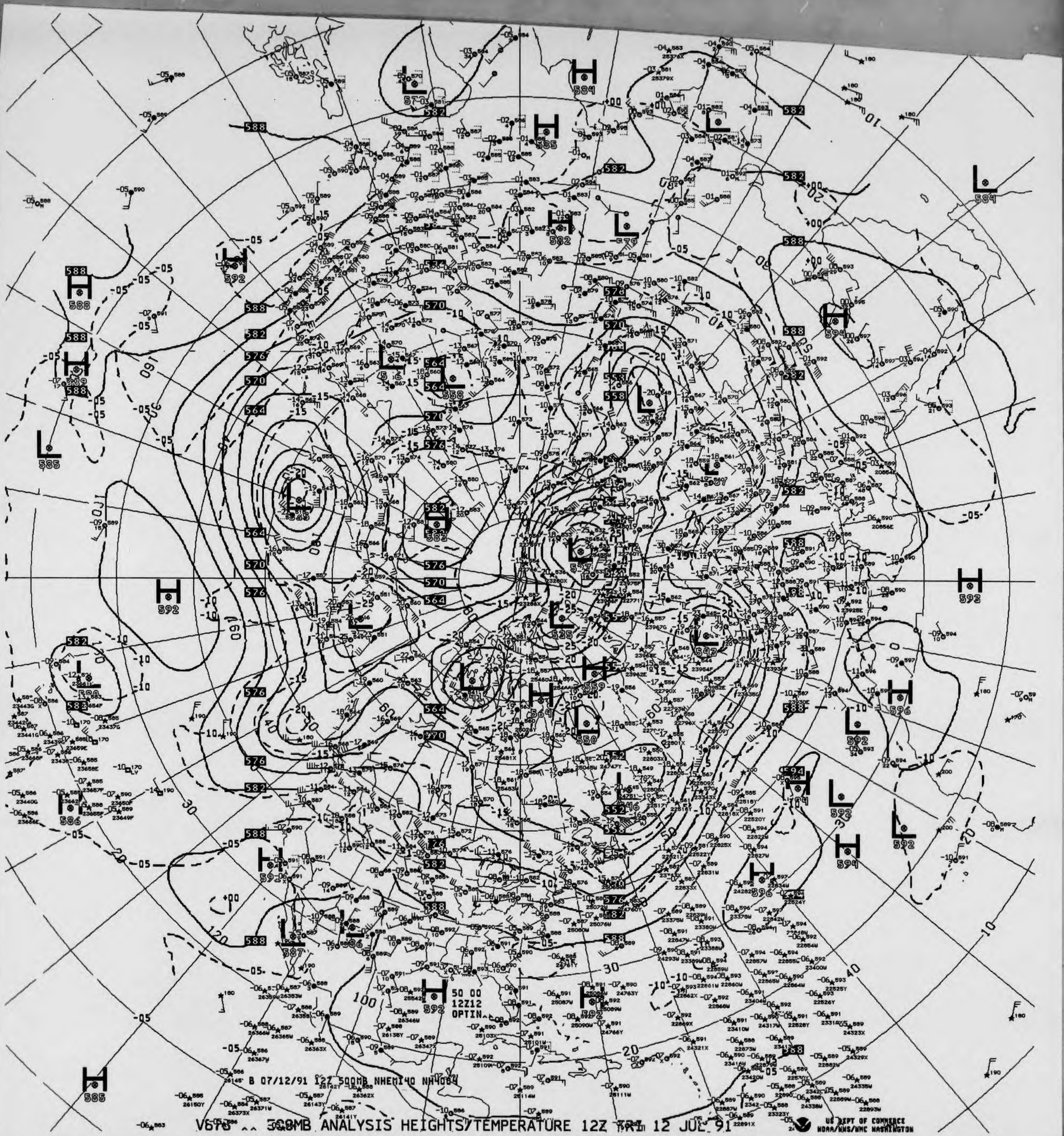
V823 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 12 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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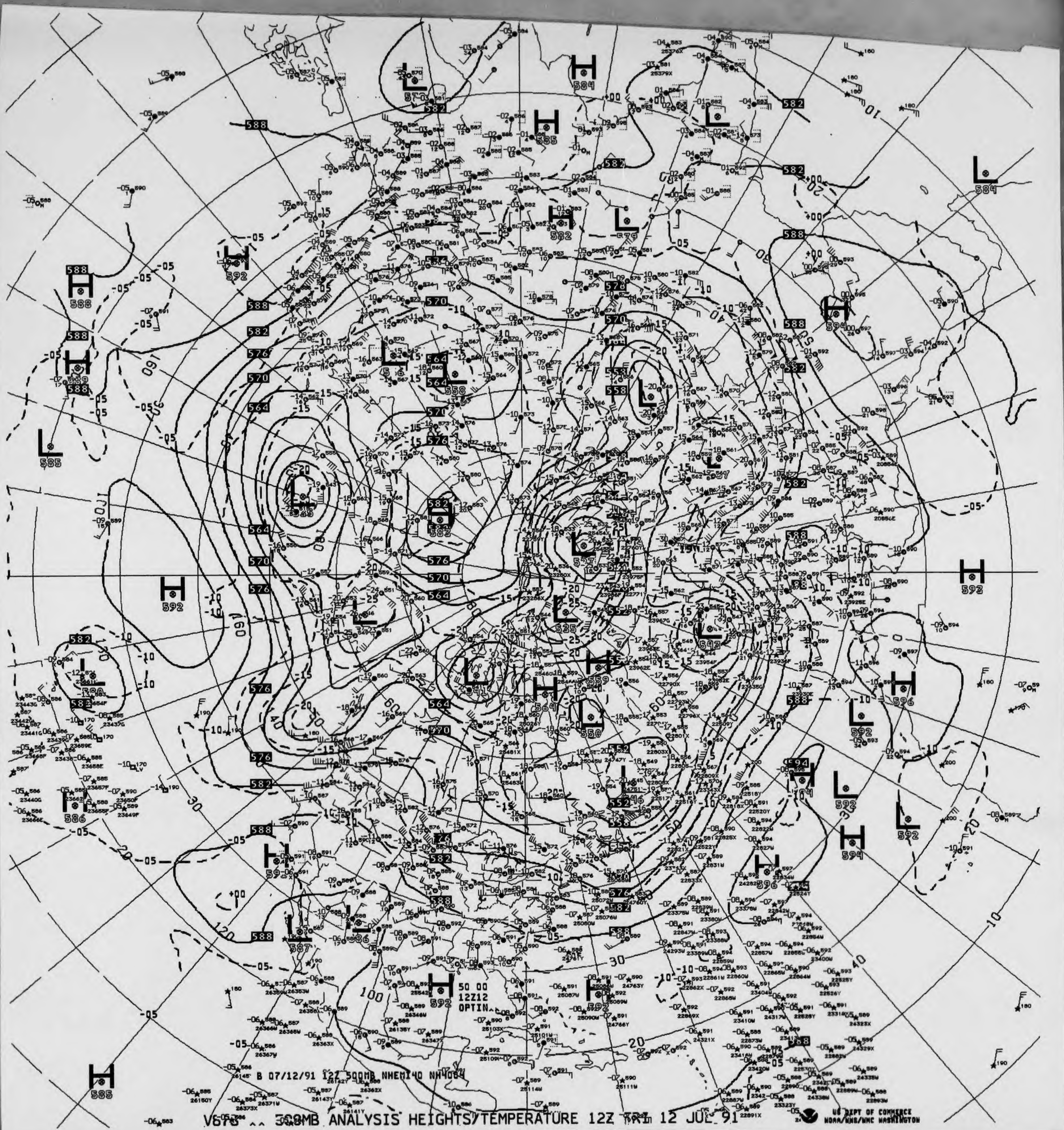
V676 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 12 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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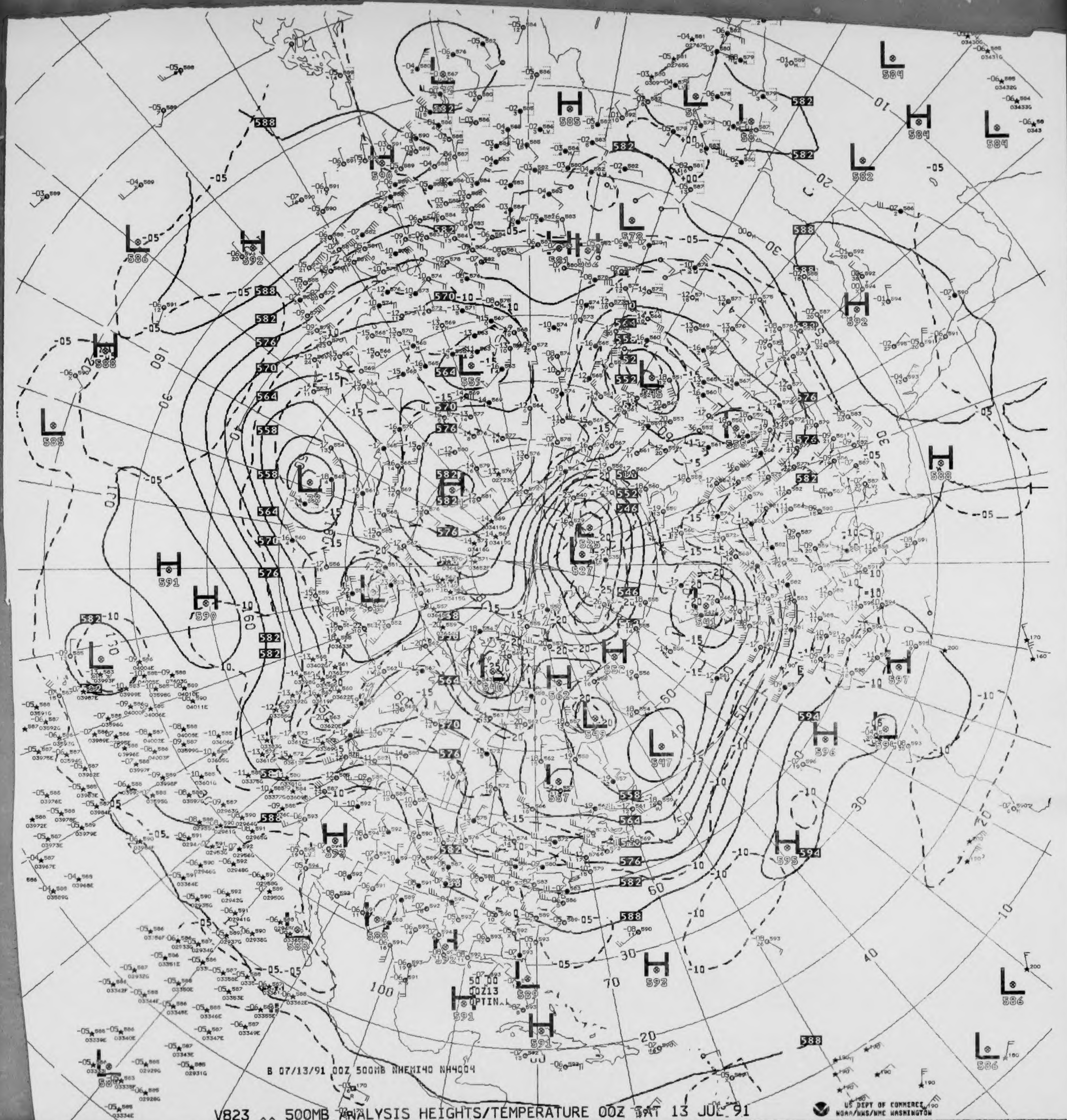
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V678 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 12 JUL 91



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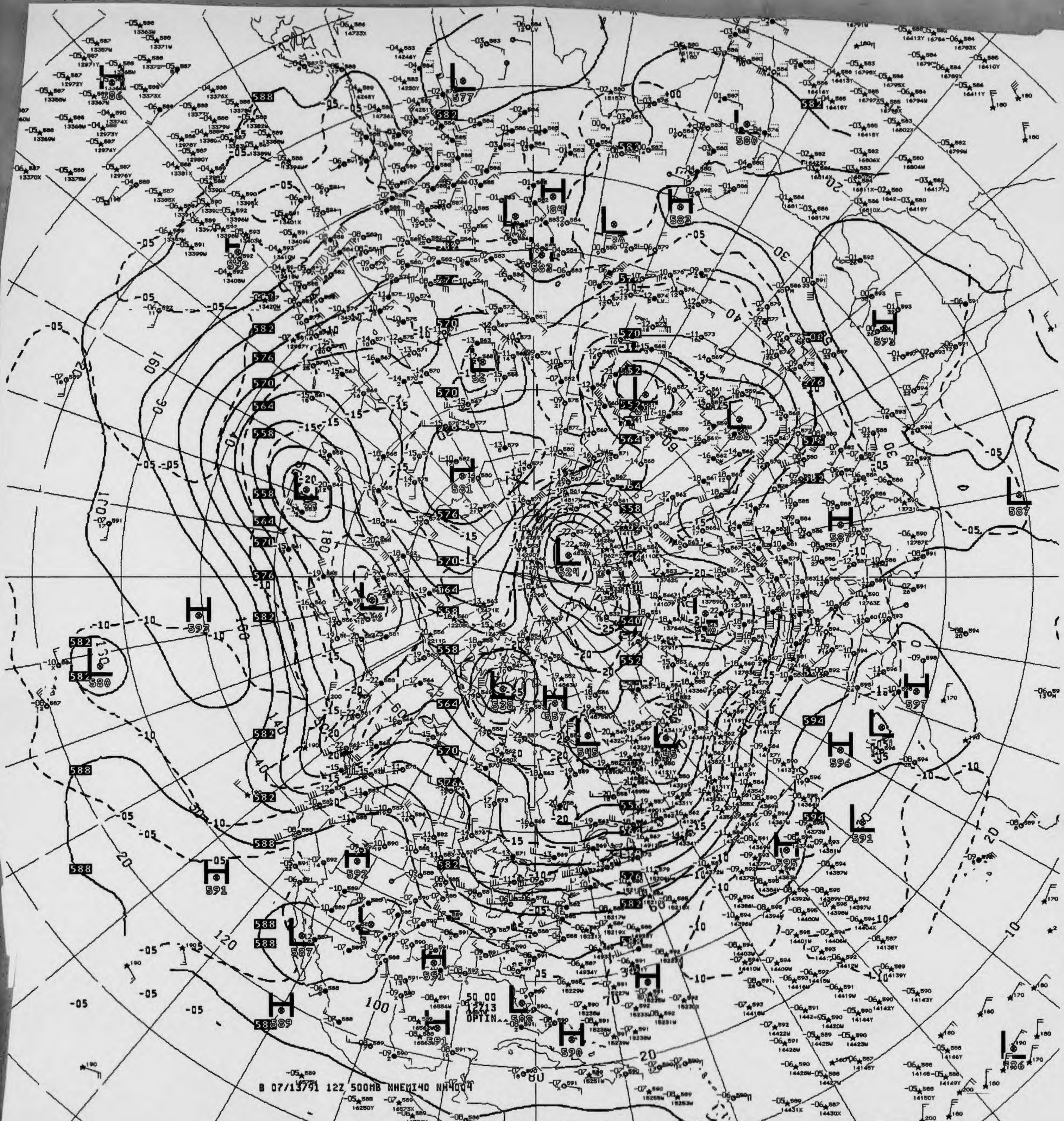
V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 13 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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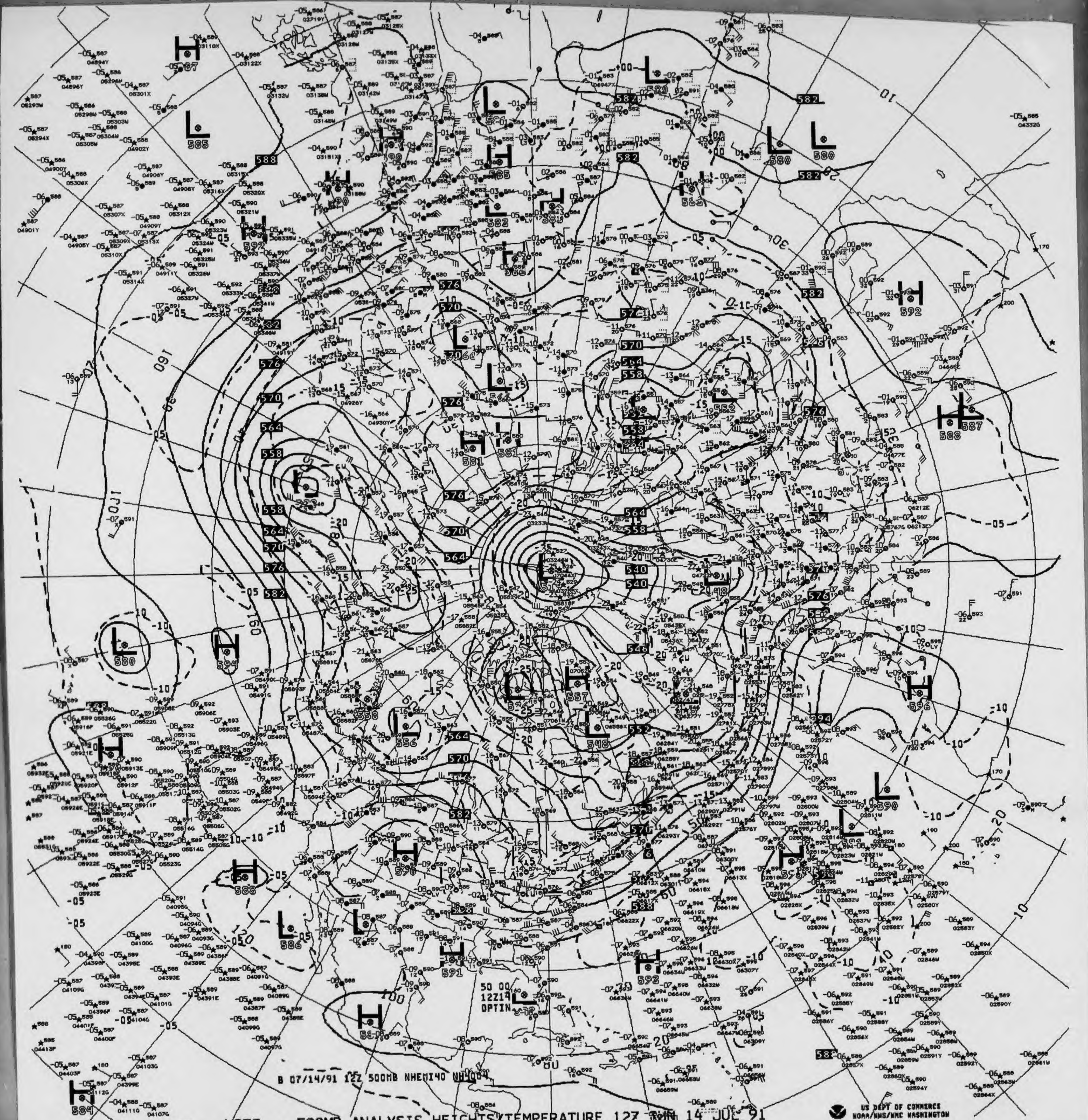
V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 13 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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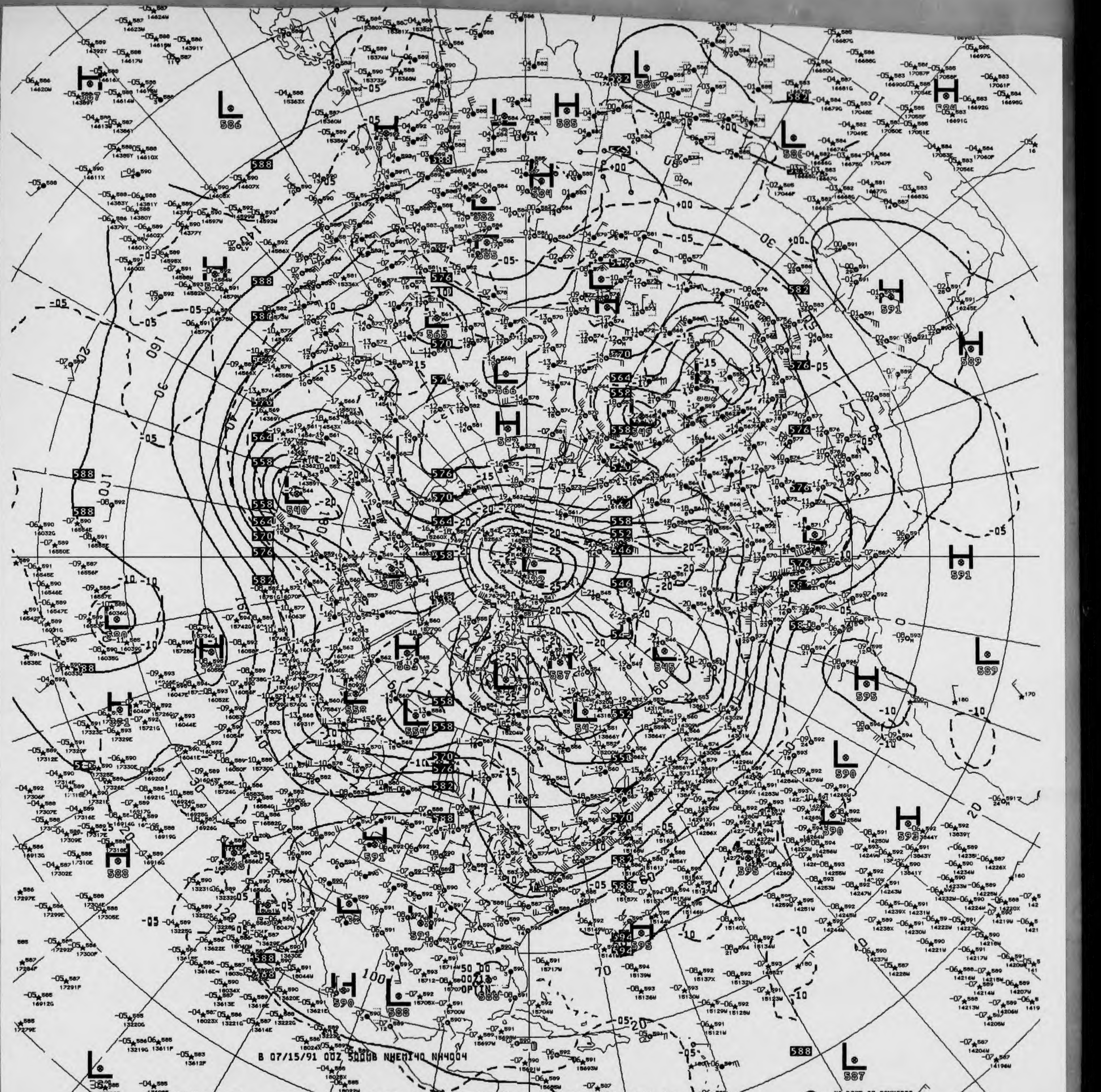
V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 14 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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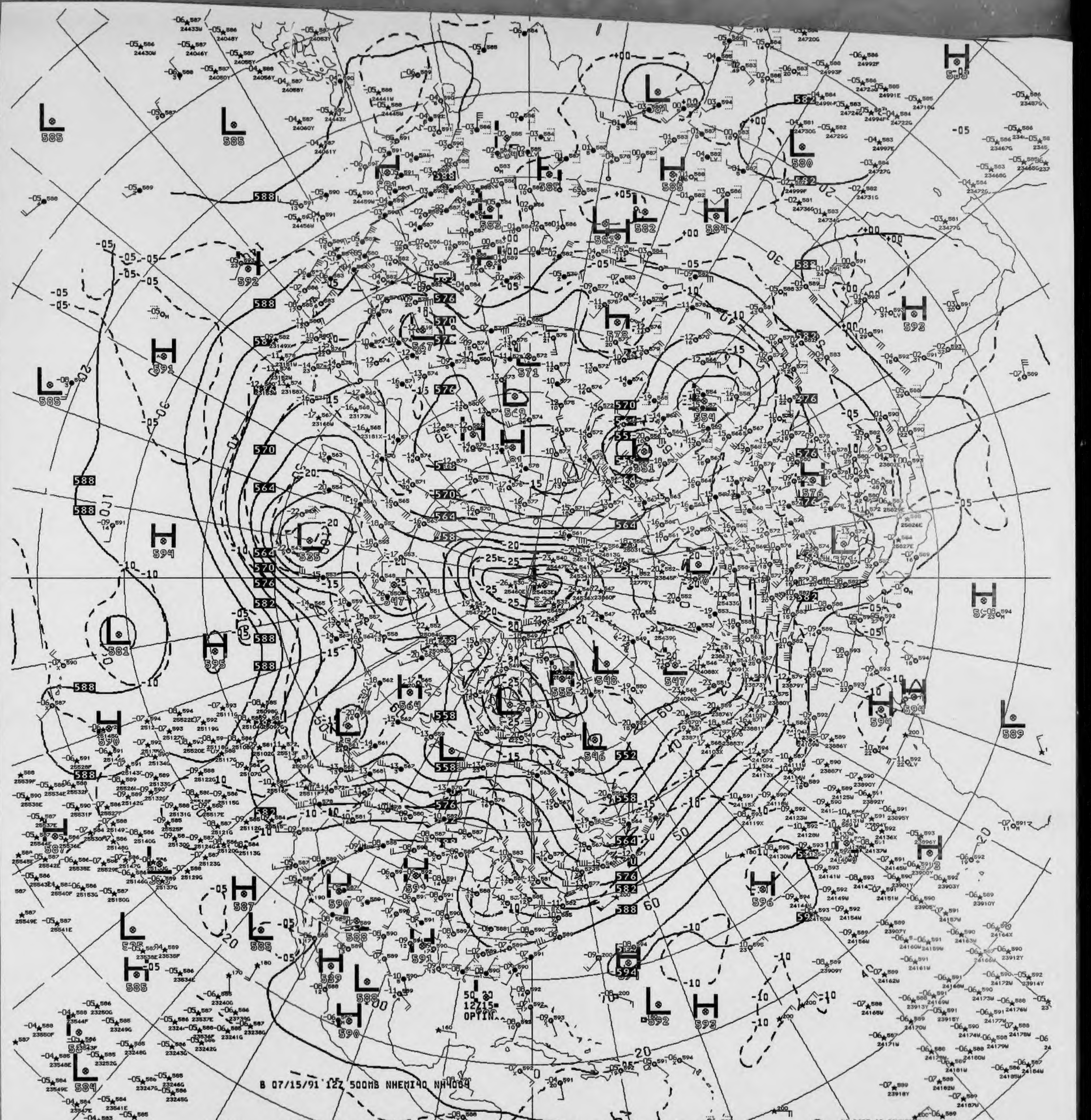
V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 15 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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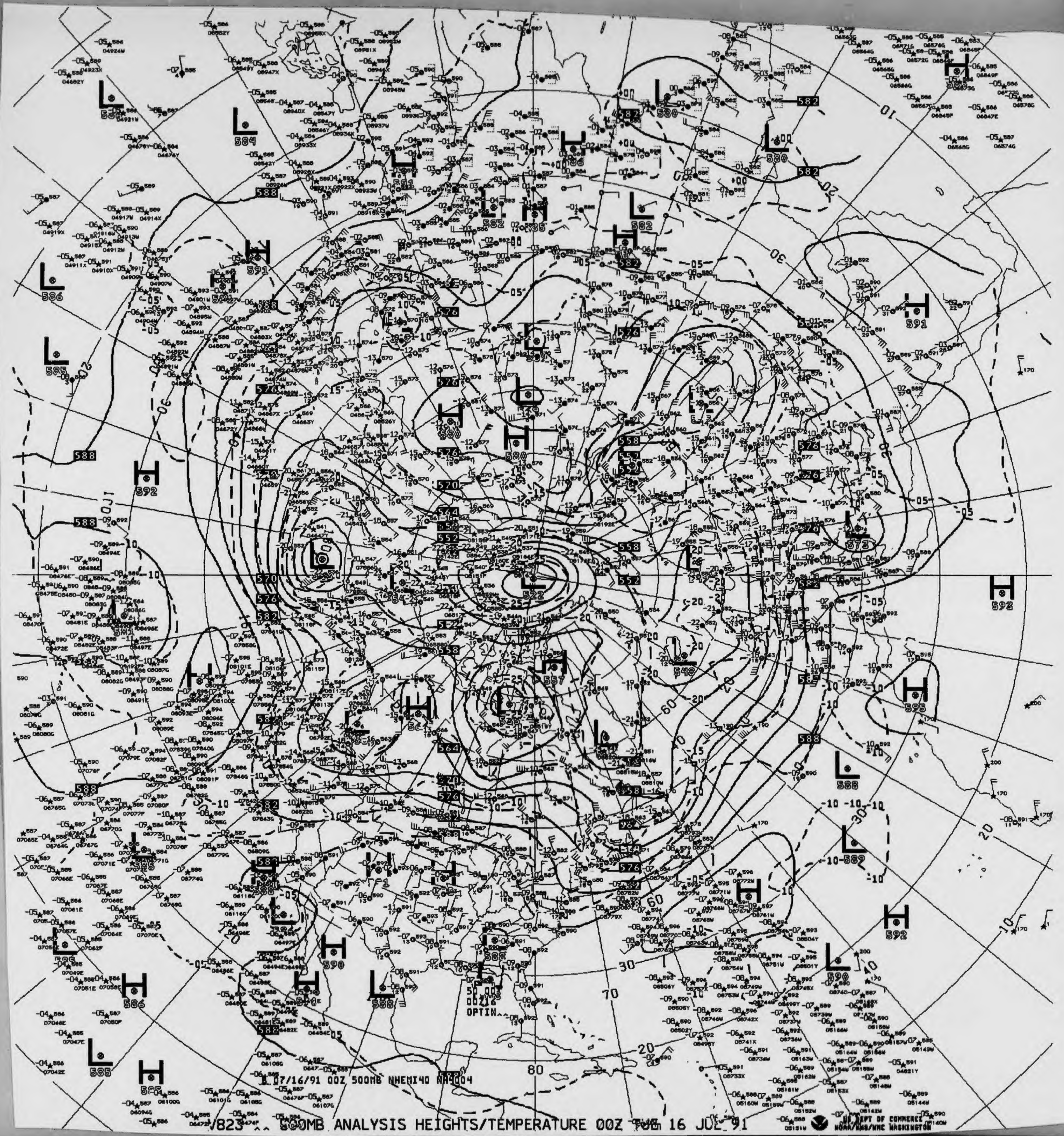
V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 15 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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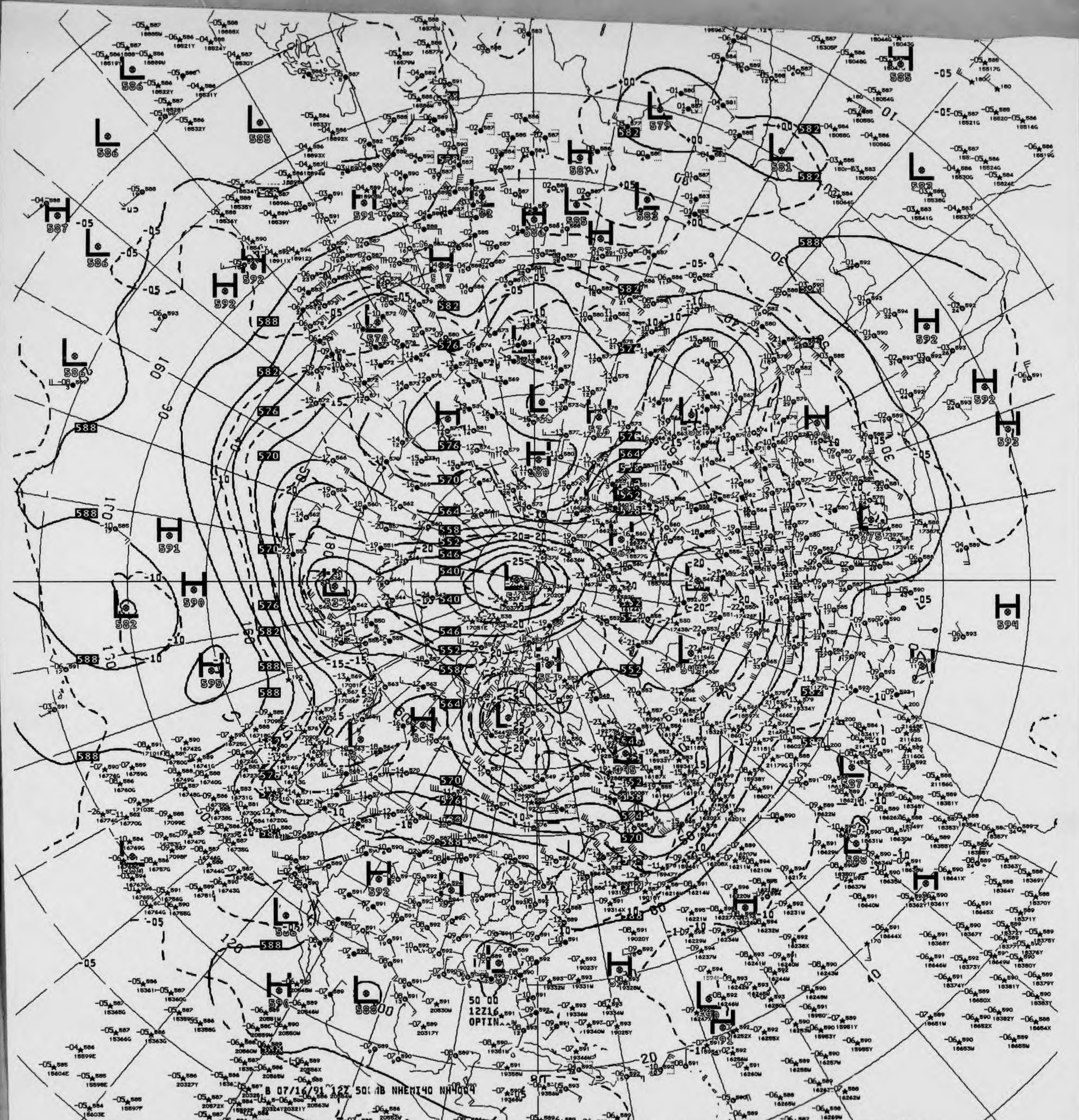
/823 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 16 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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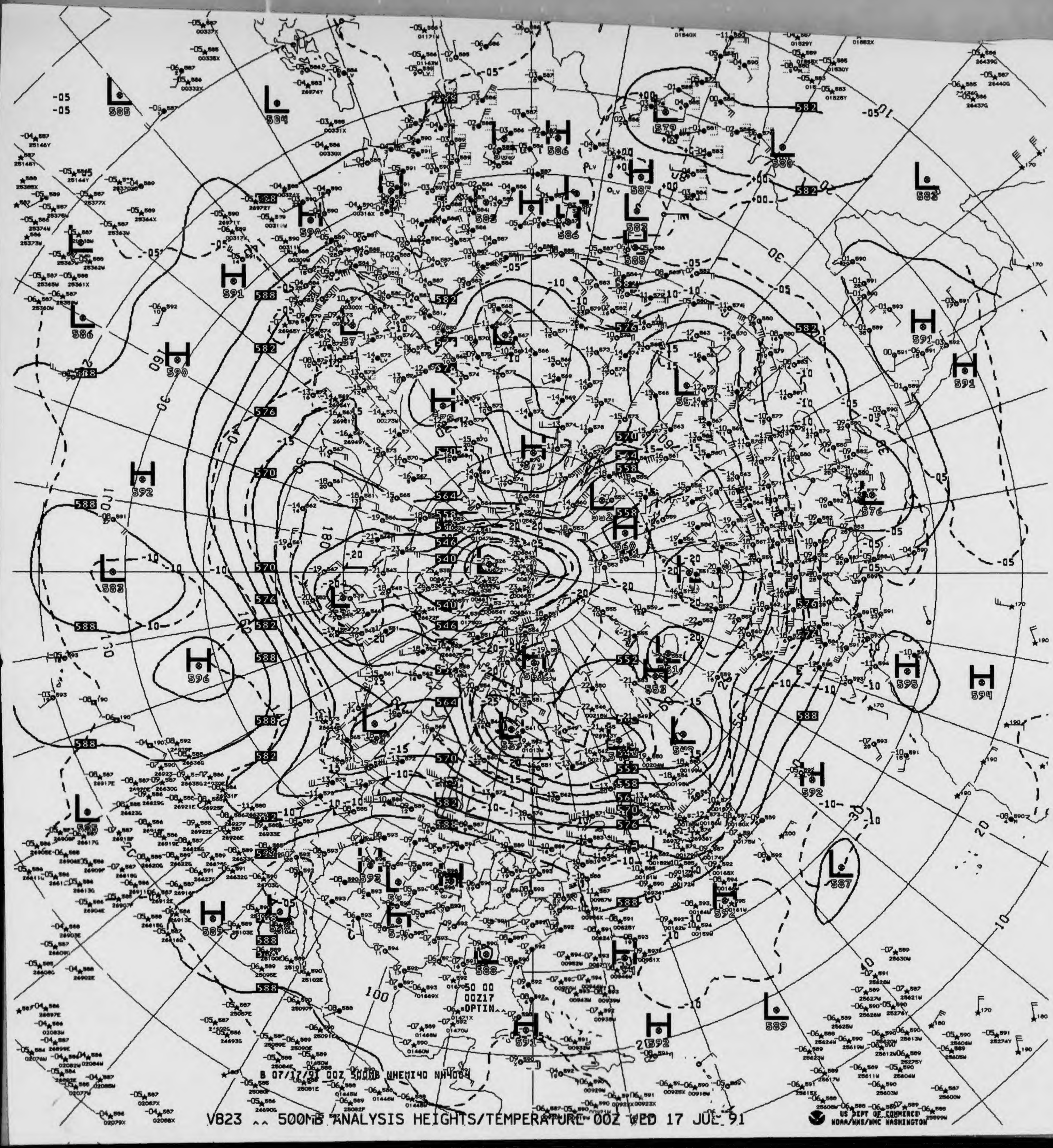
V873 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 16 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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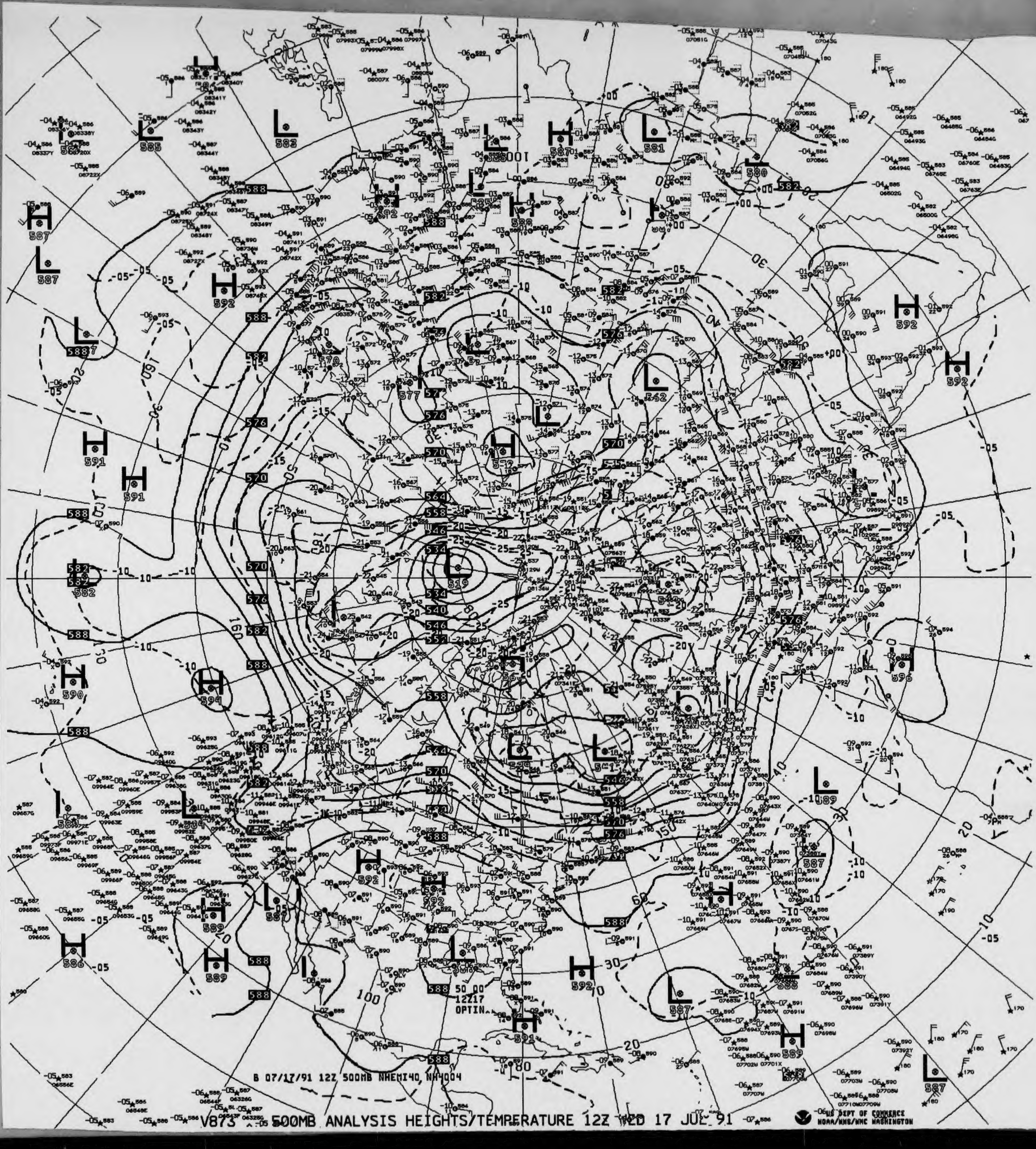
V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 17 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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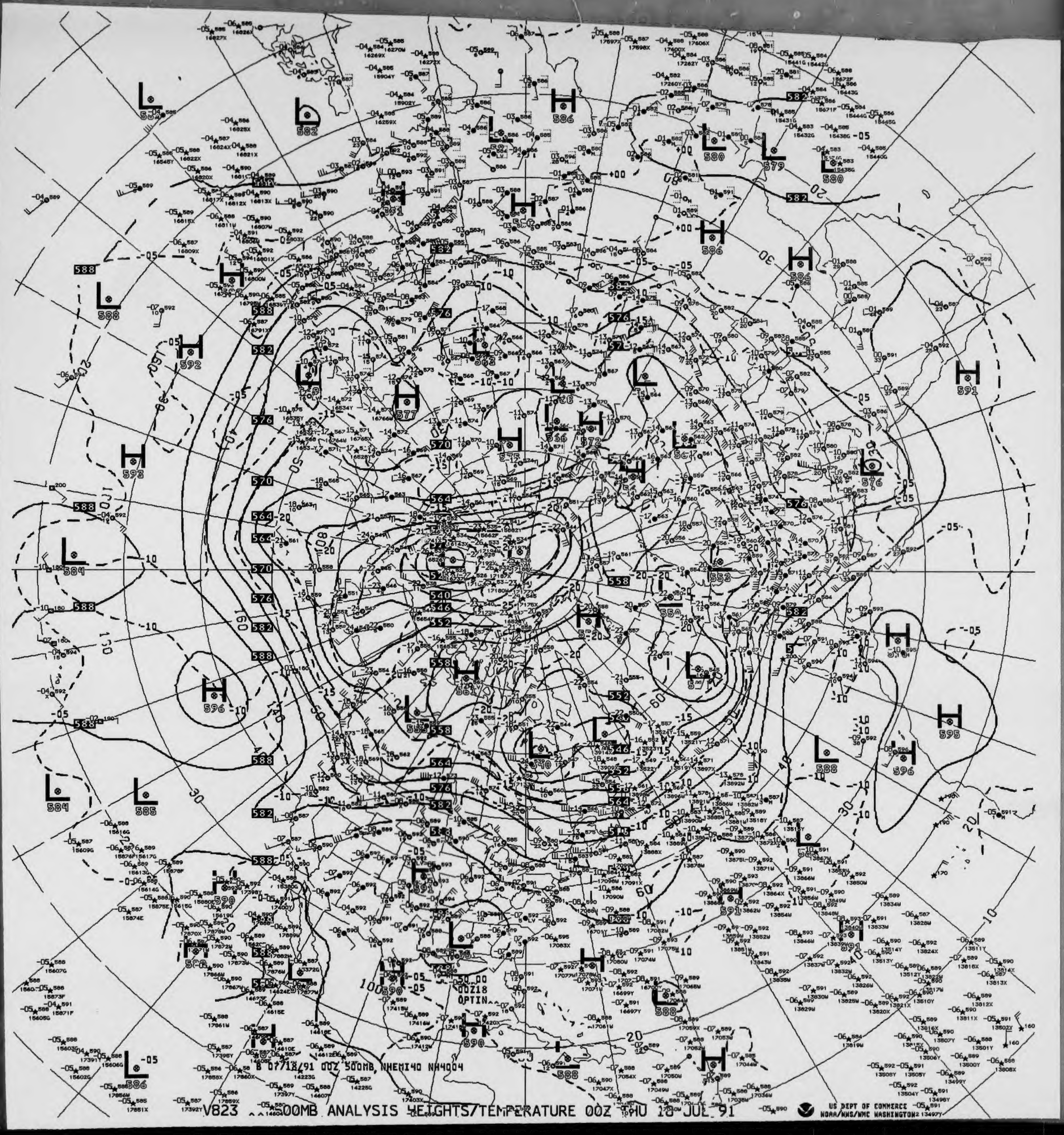
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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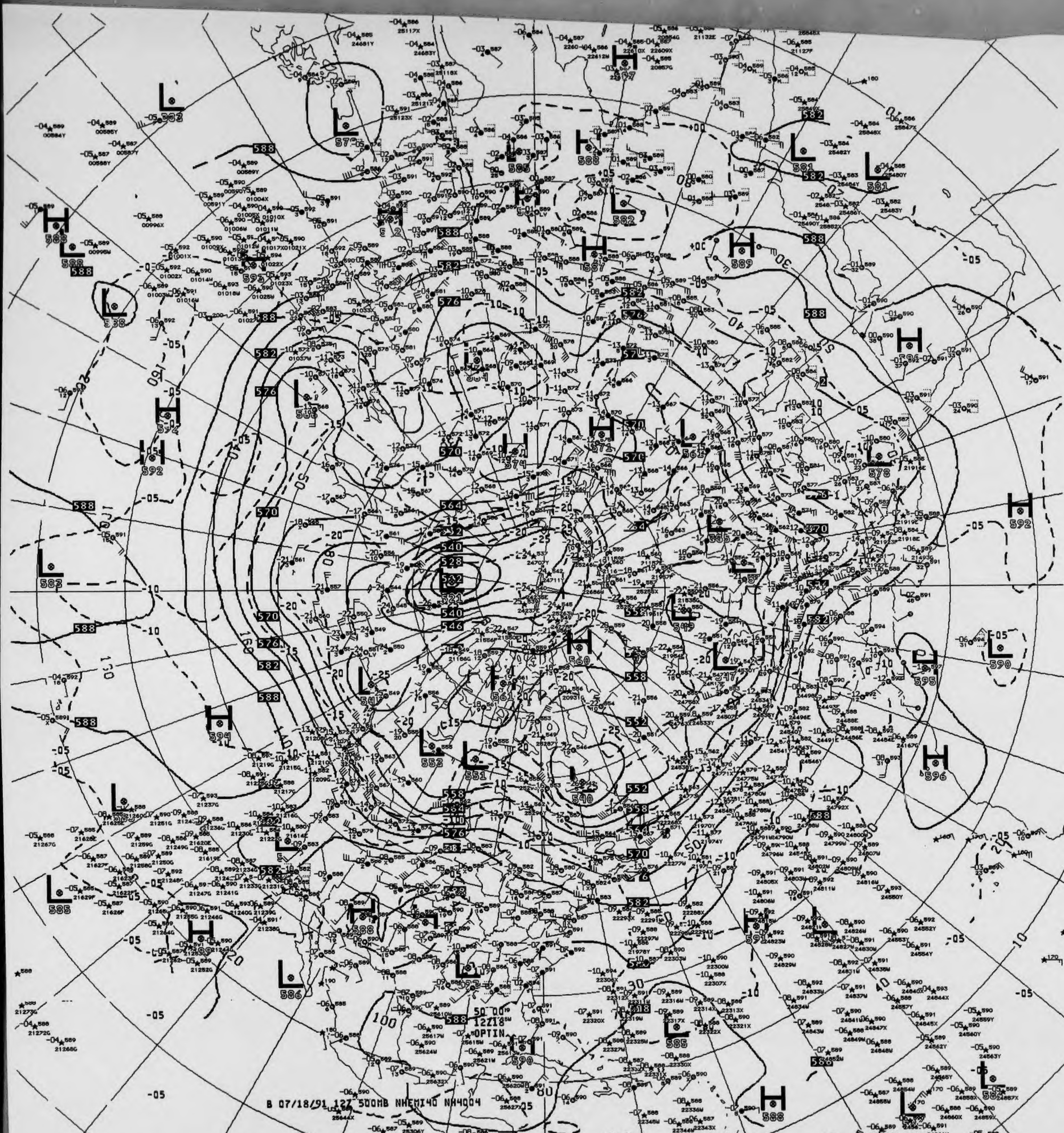
V823 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 18 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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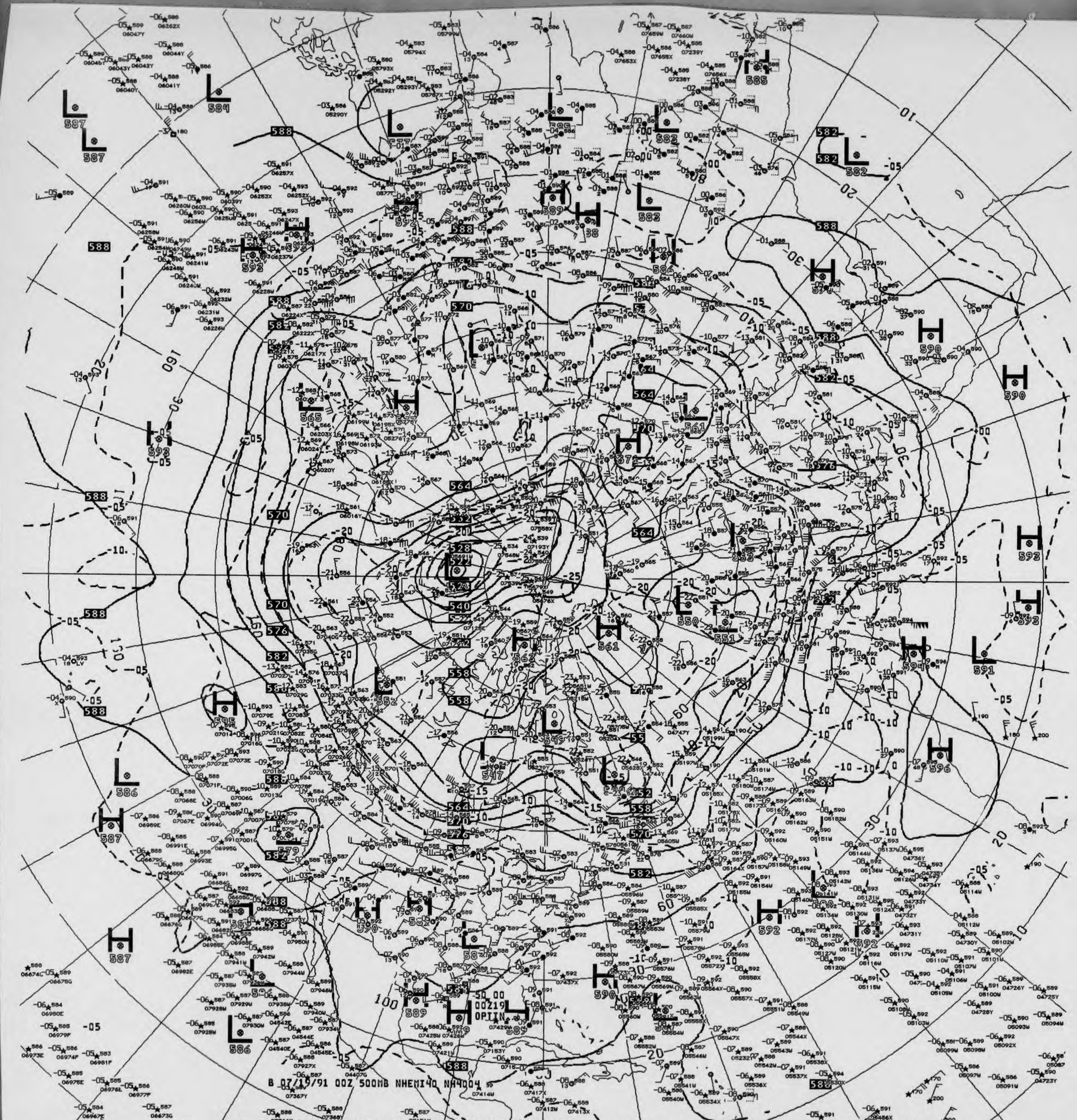
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z THU 18 JUL 91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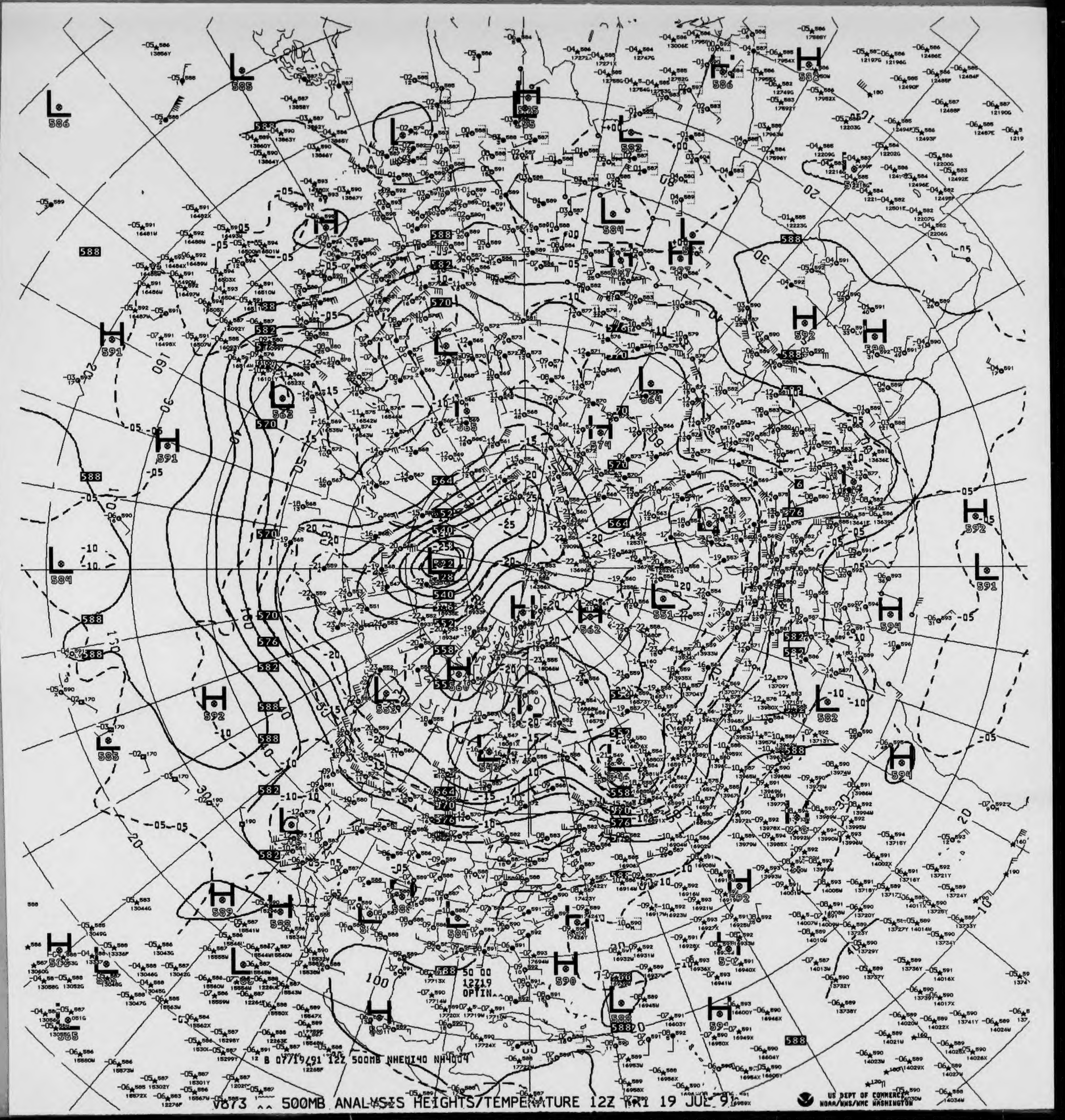
V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 19 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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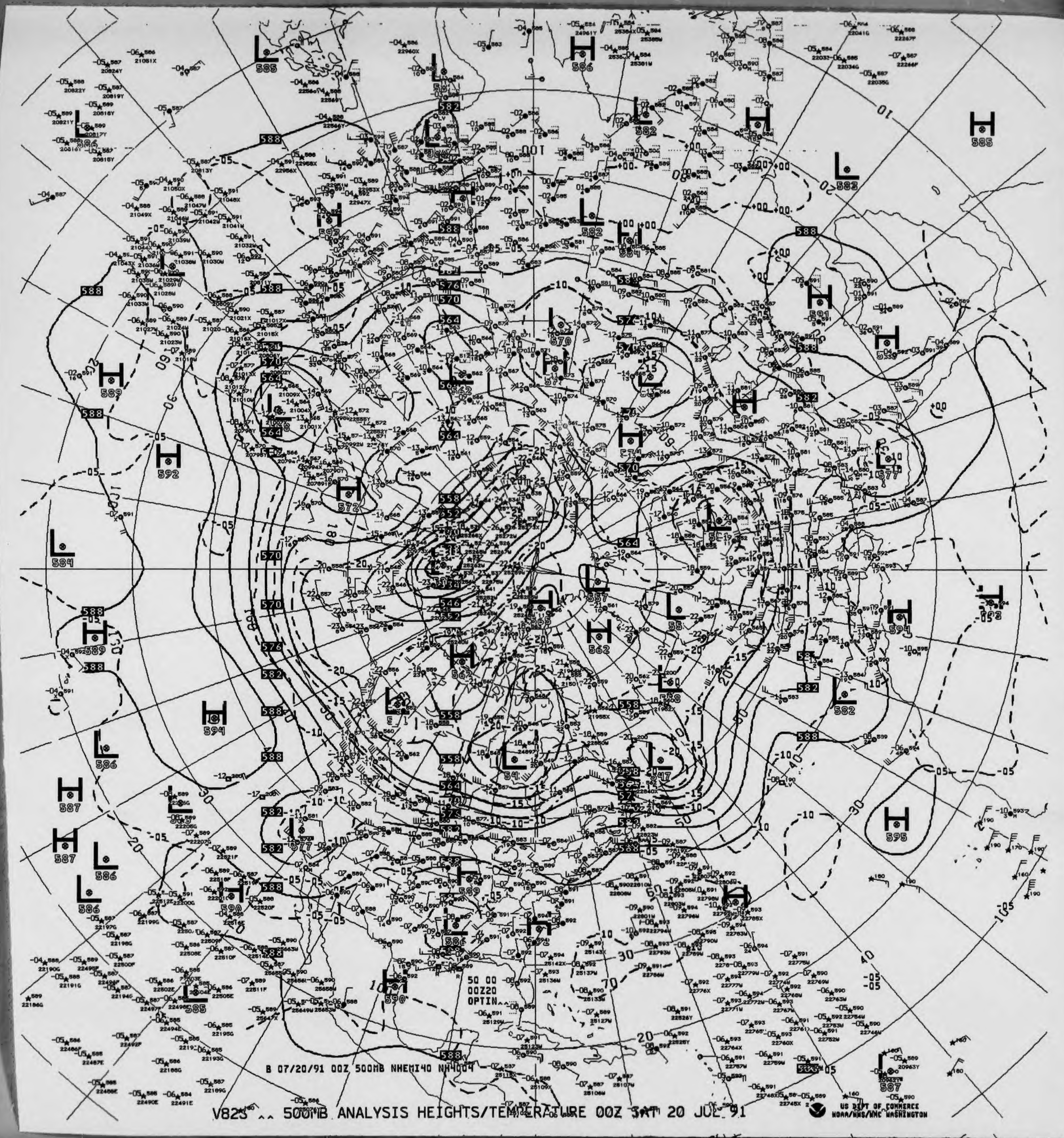
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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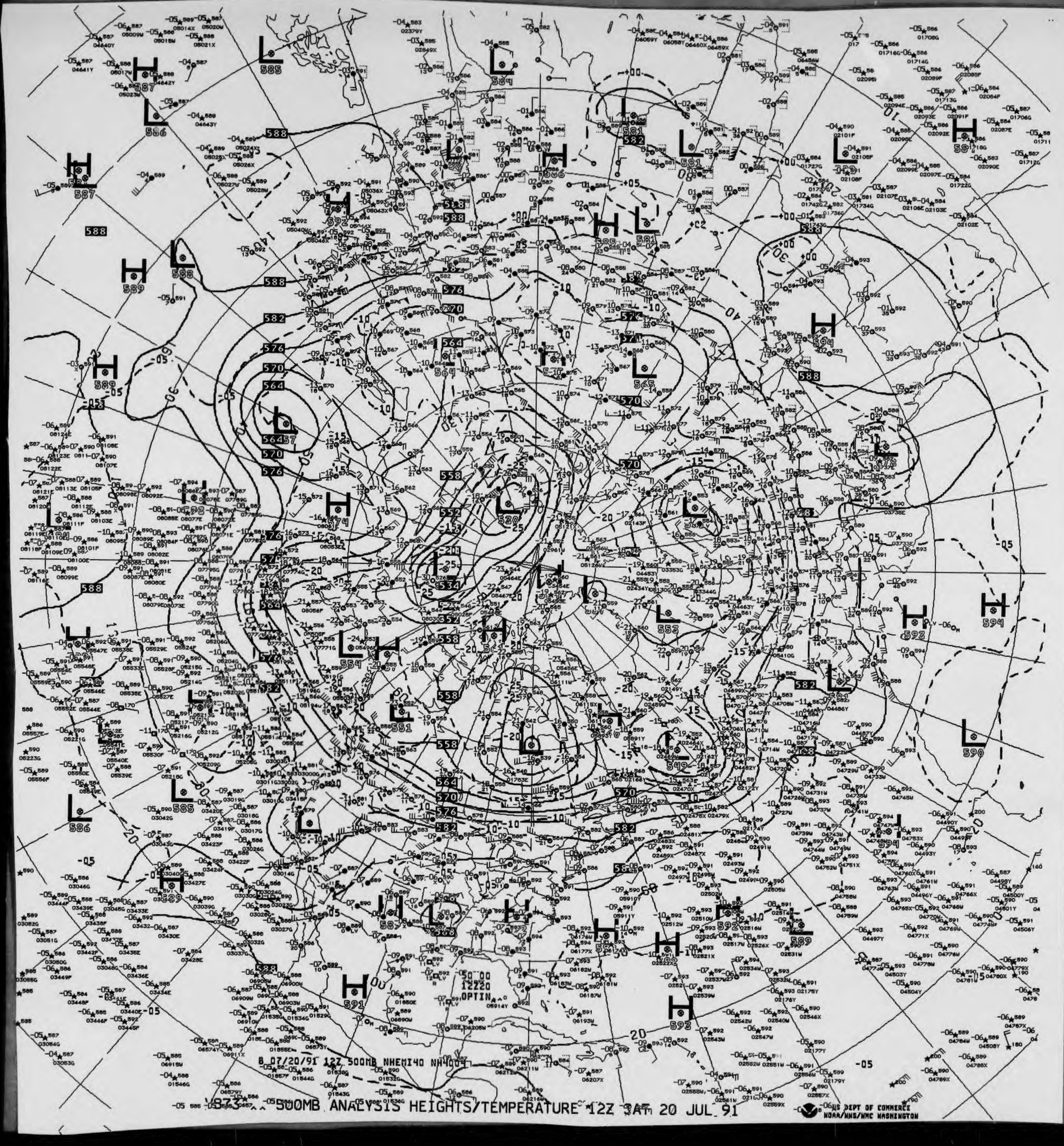

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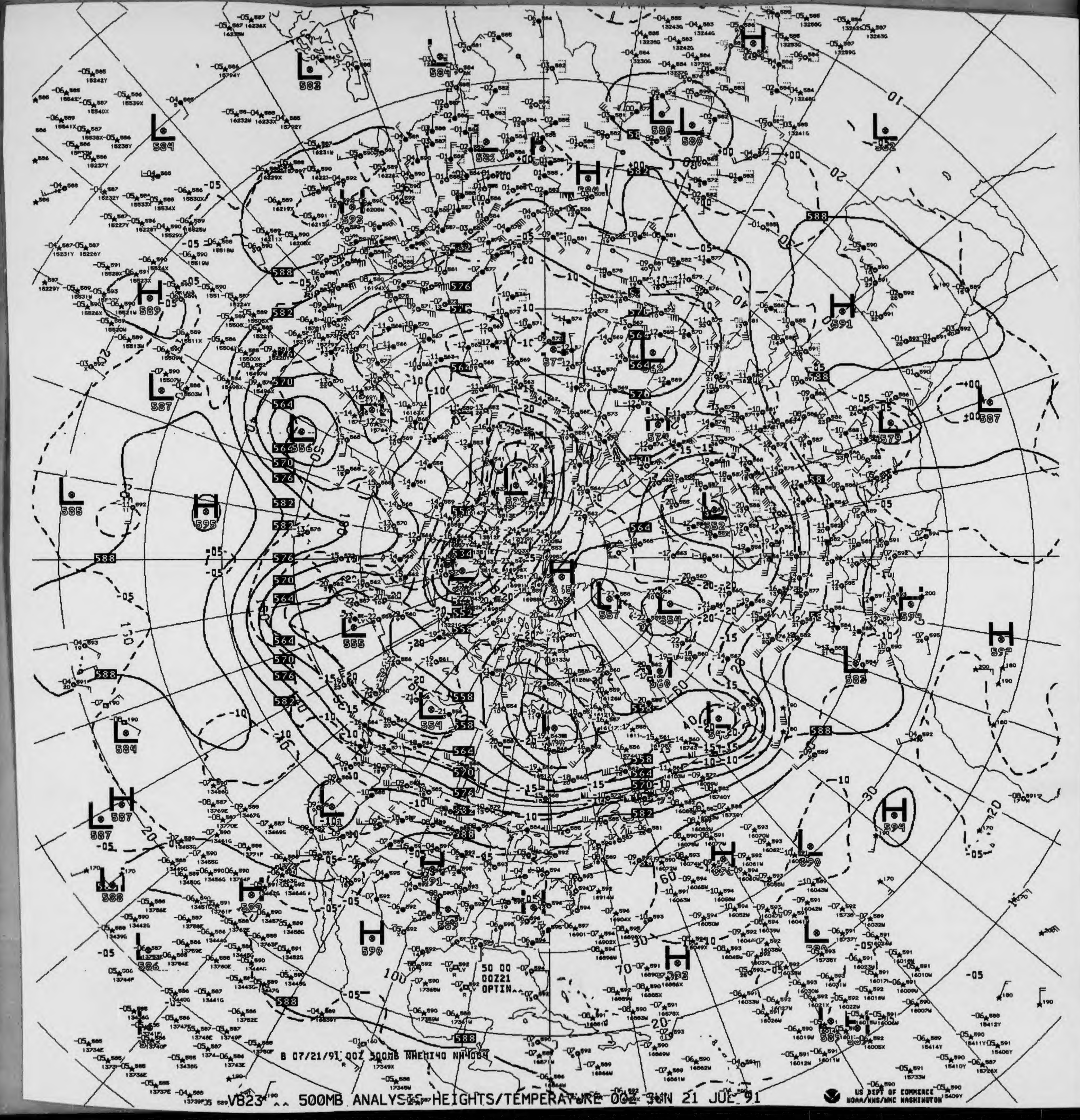
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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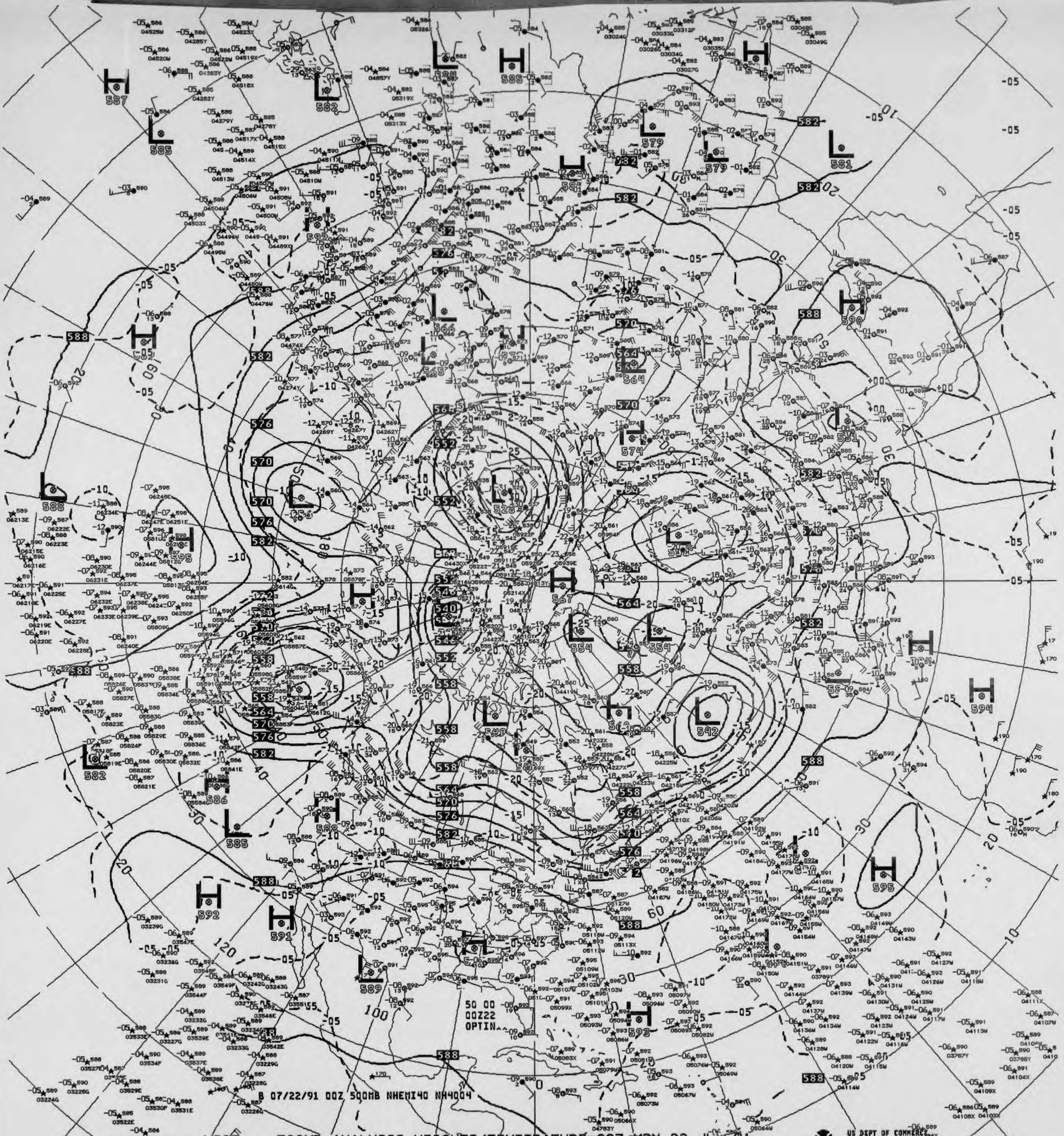
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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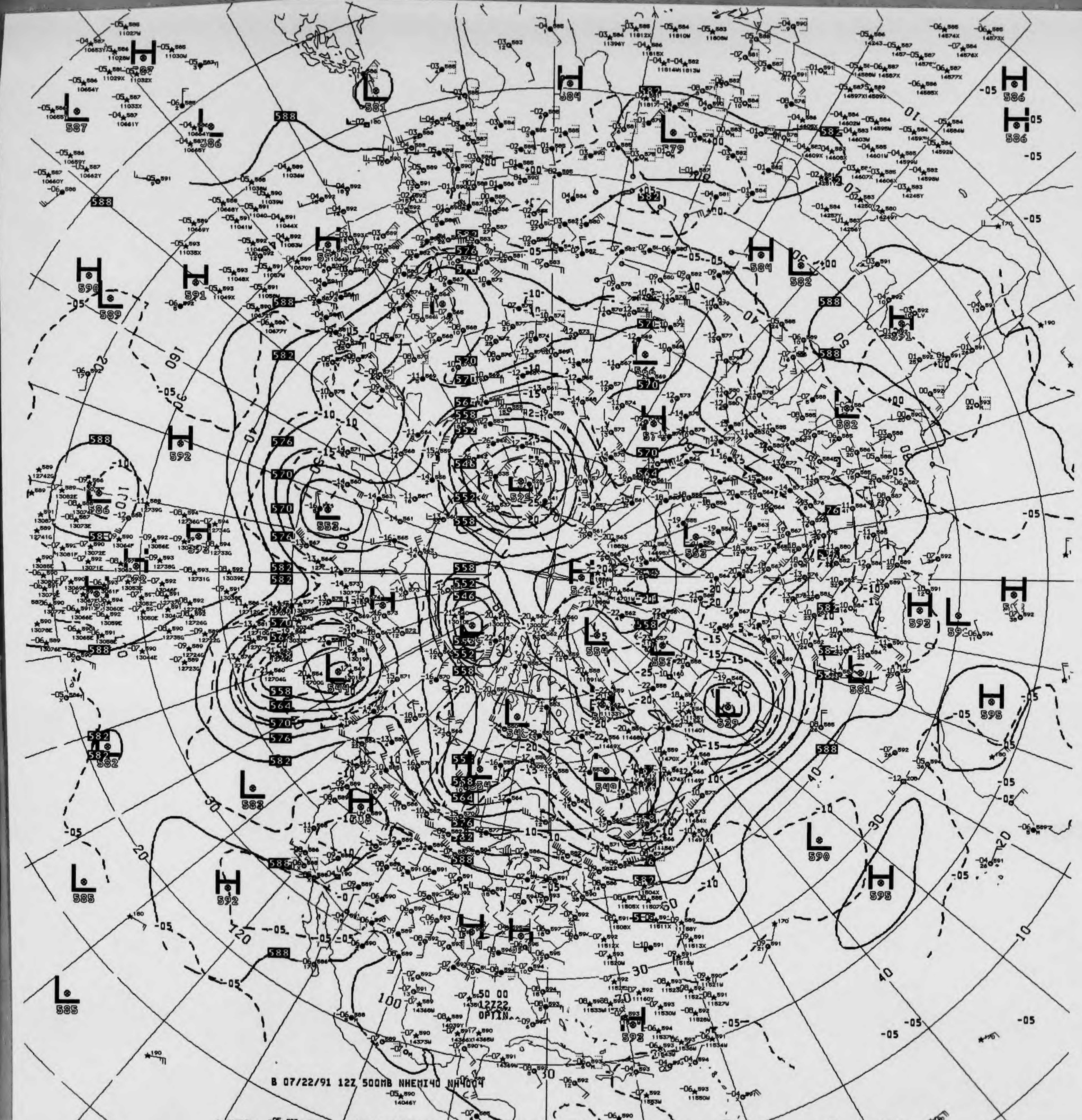
V823 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 22 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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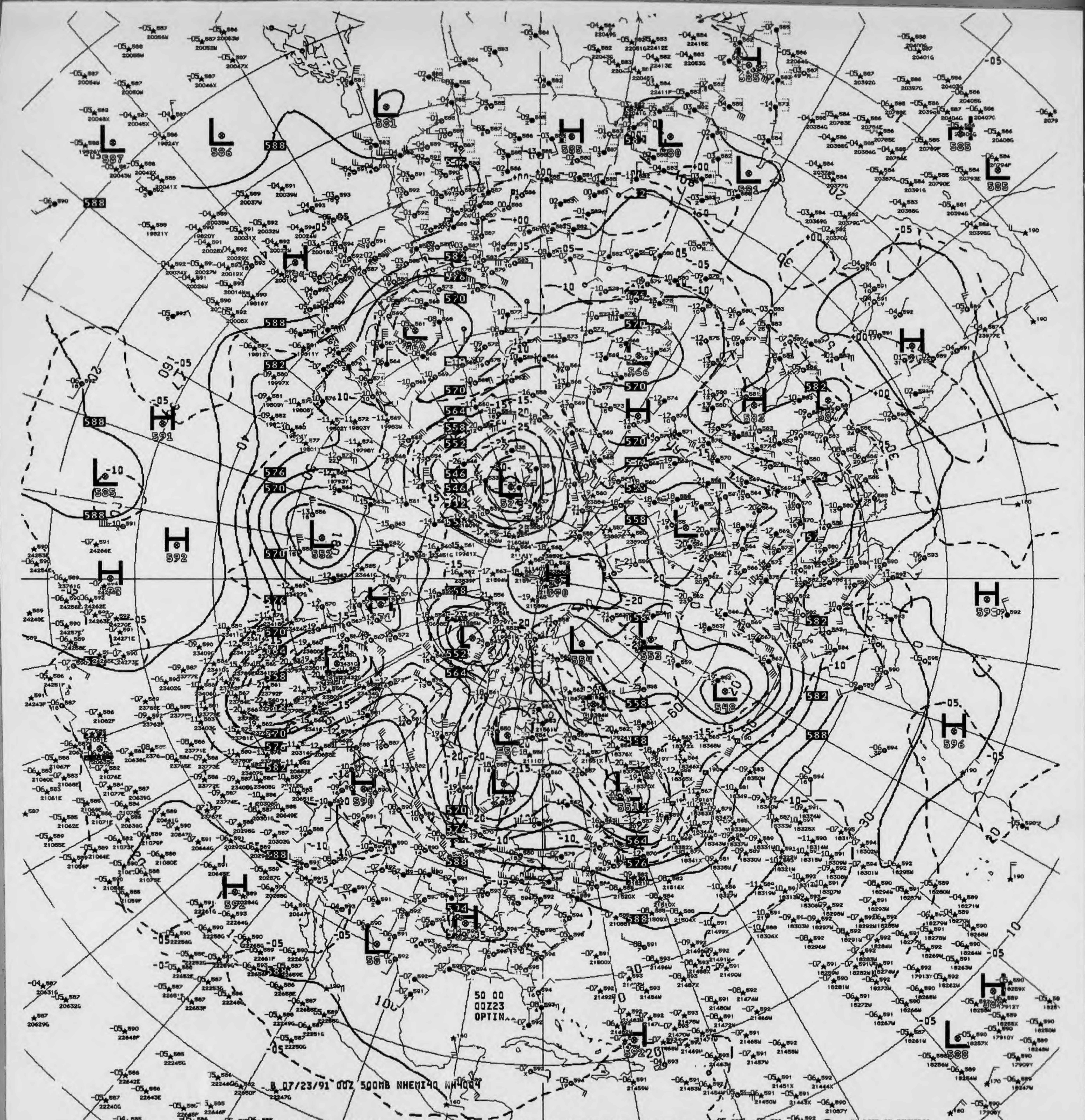
V873 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 22 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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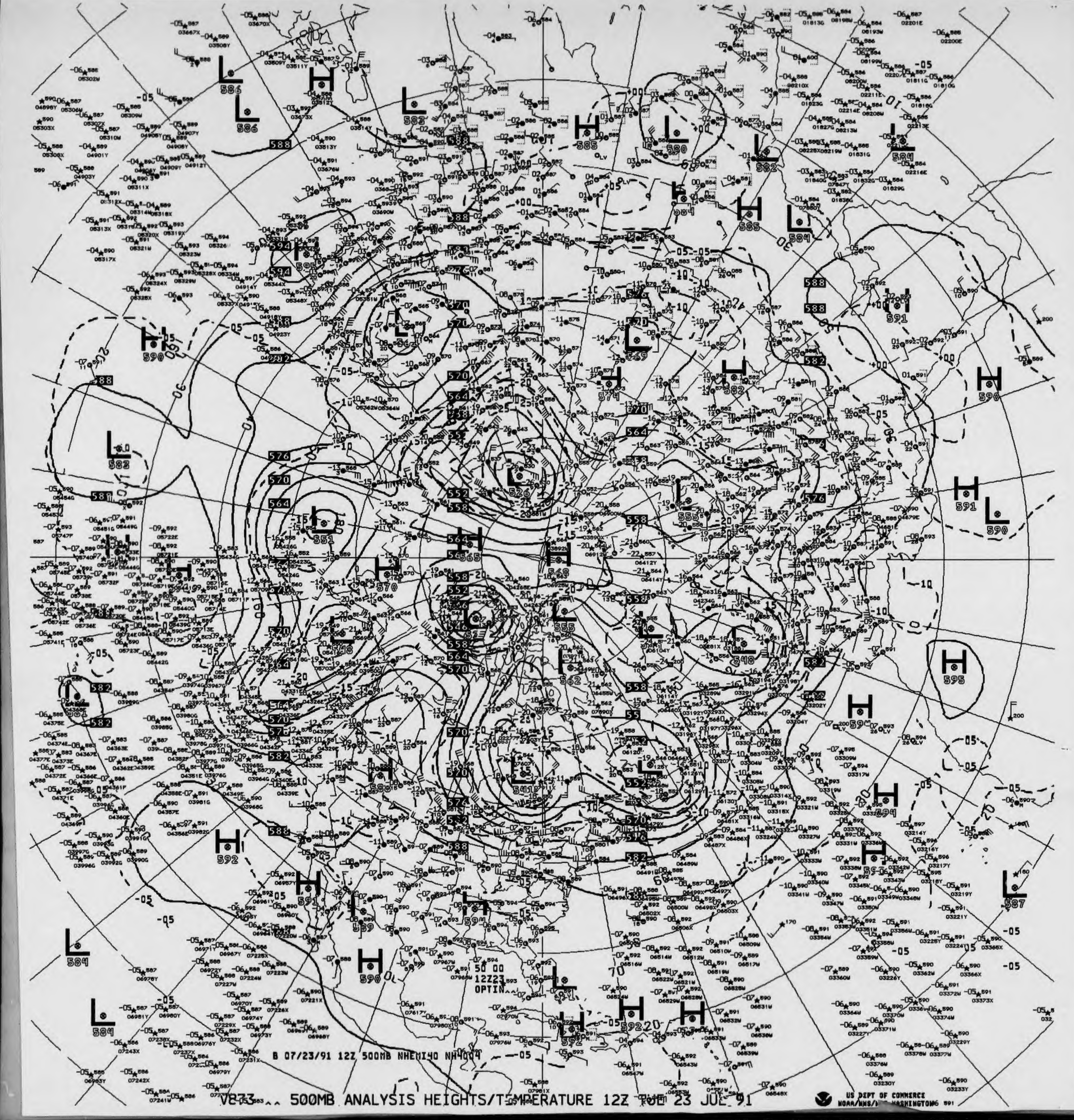
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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12Z23
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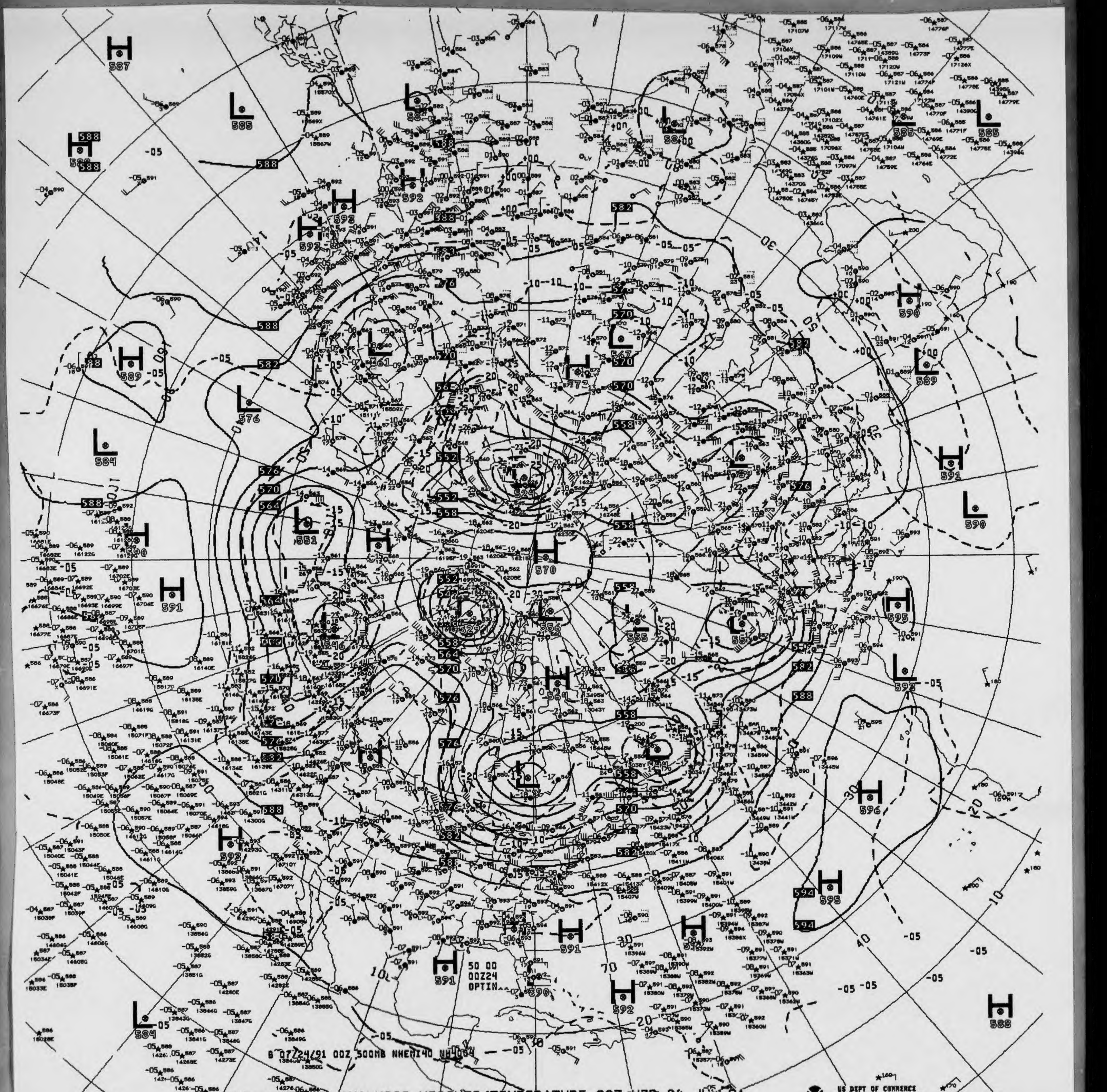
US DEPT OF COMMERCE
NOAA/NWS/ WASHINGTON

V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z TUE 23 JUL 91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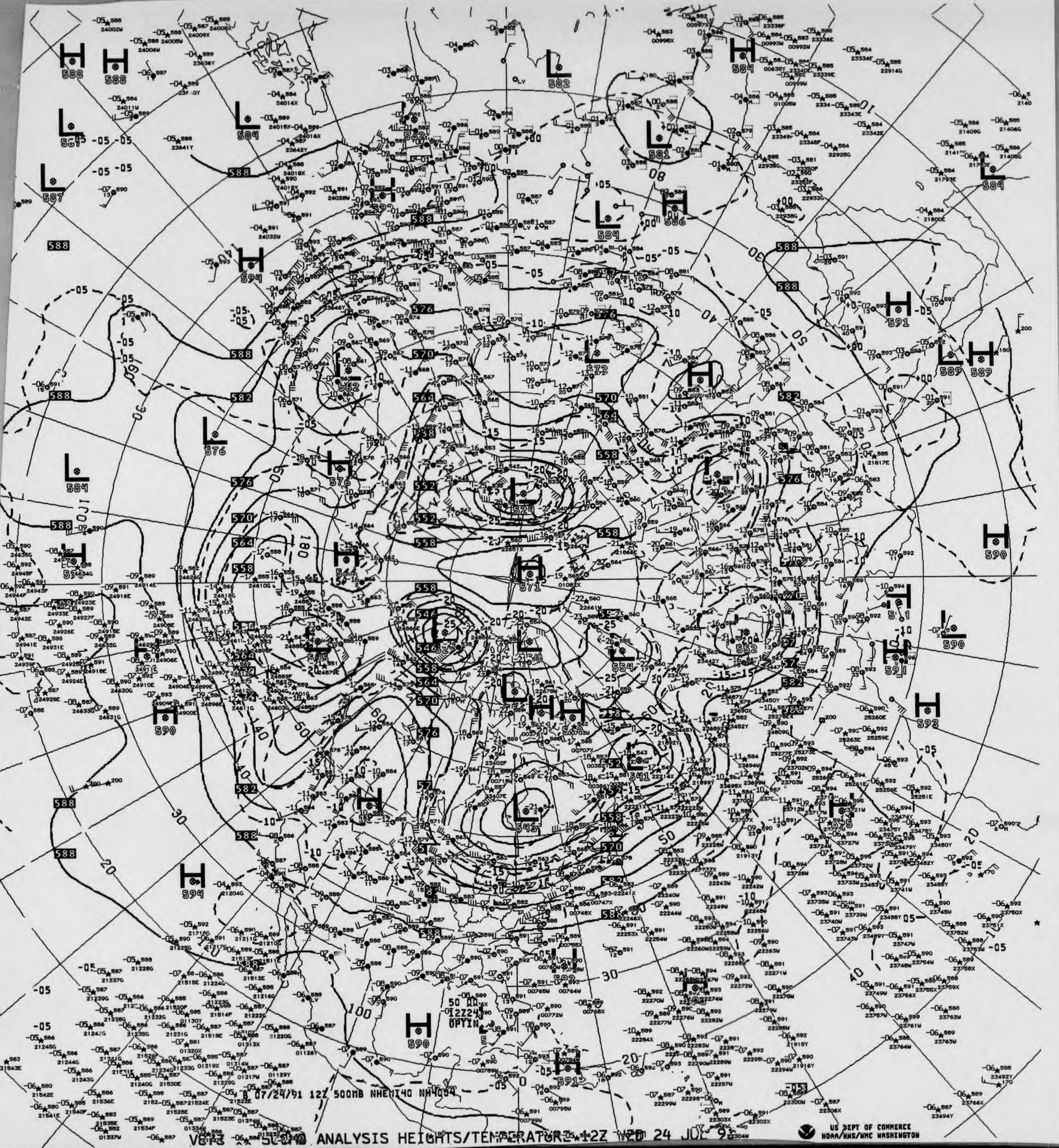
823 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 24 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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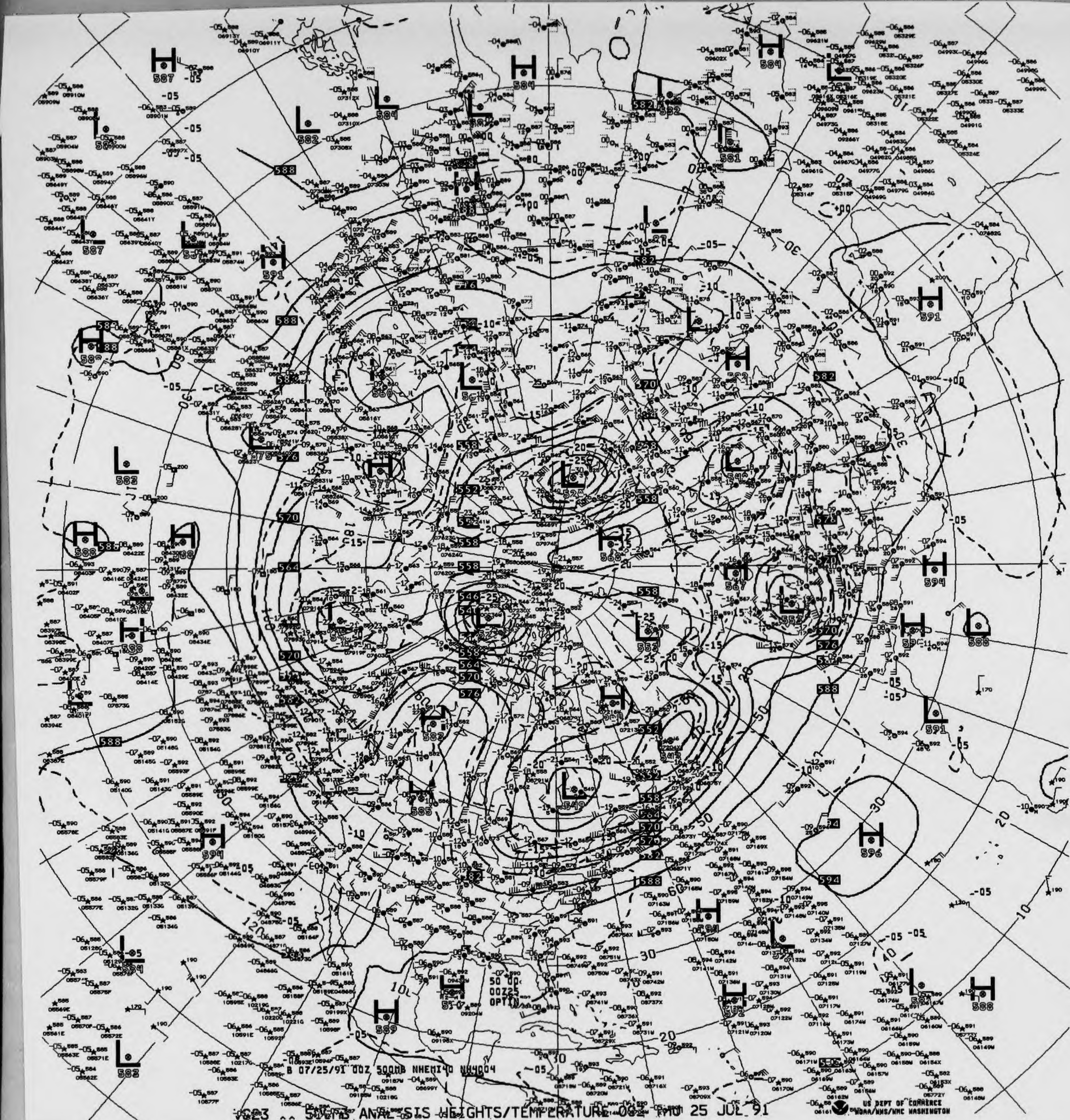
V873 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 24 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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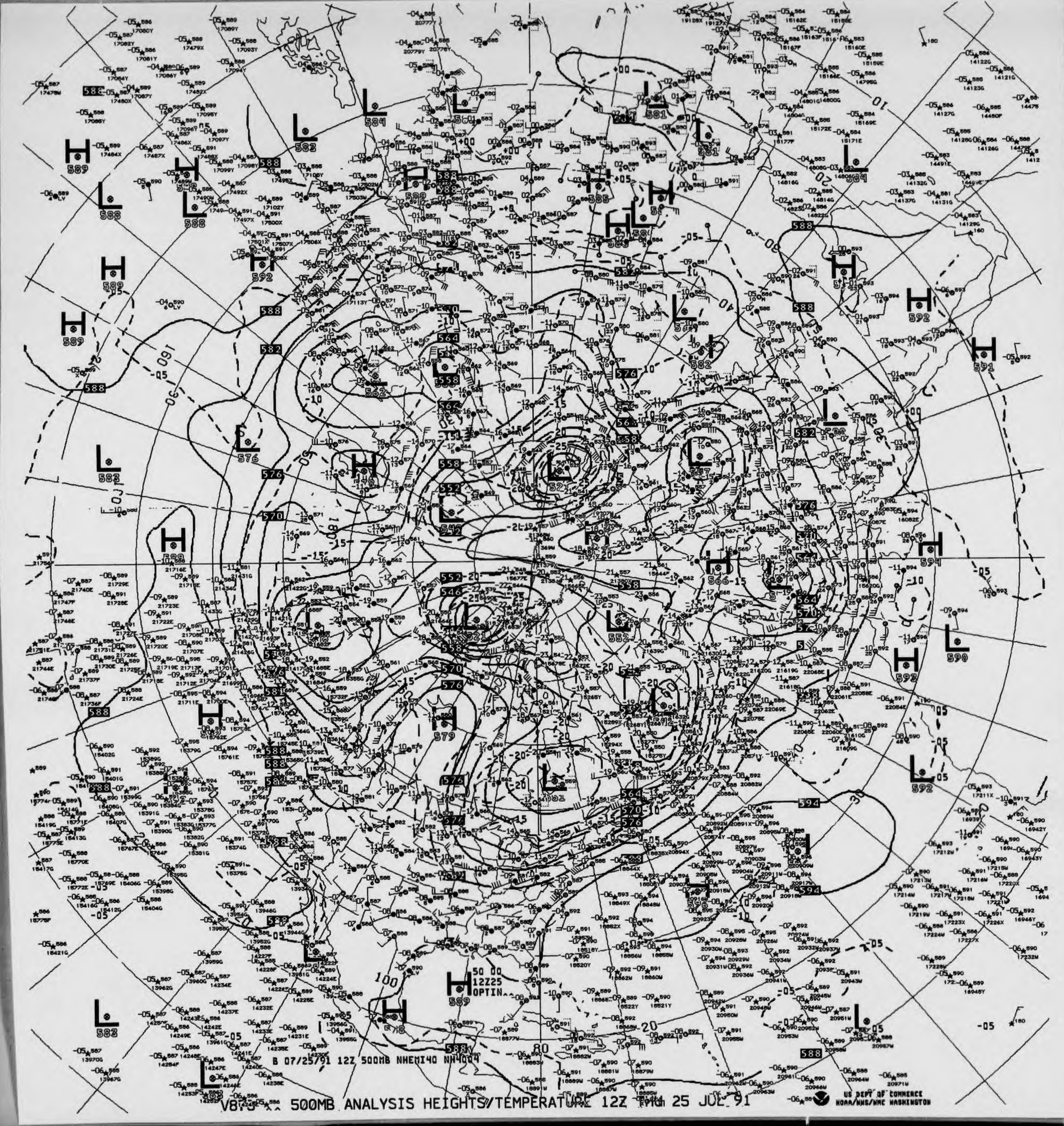
V623 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z THU 25 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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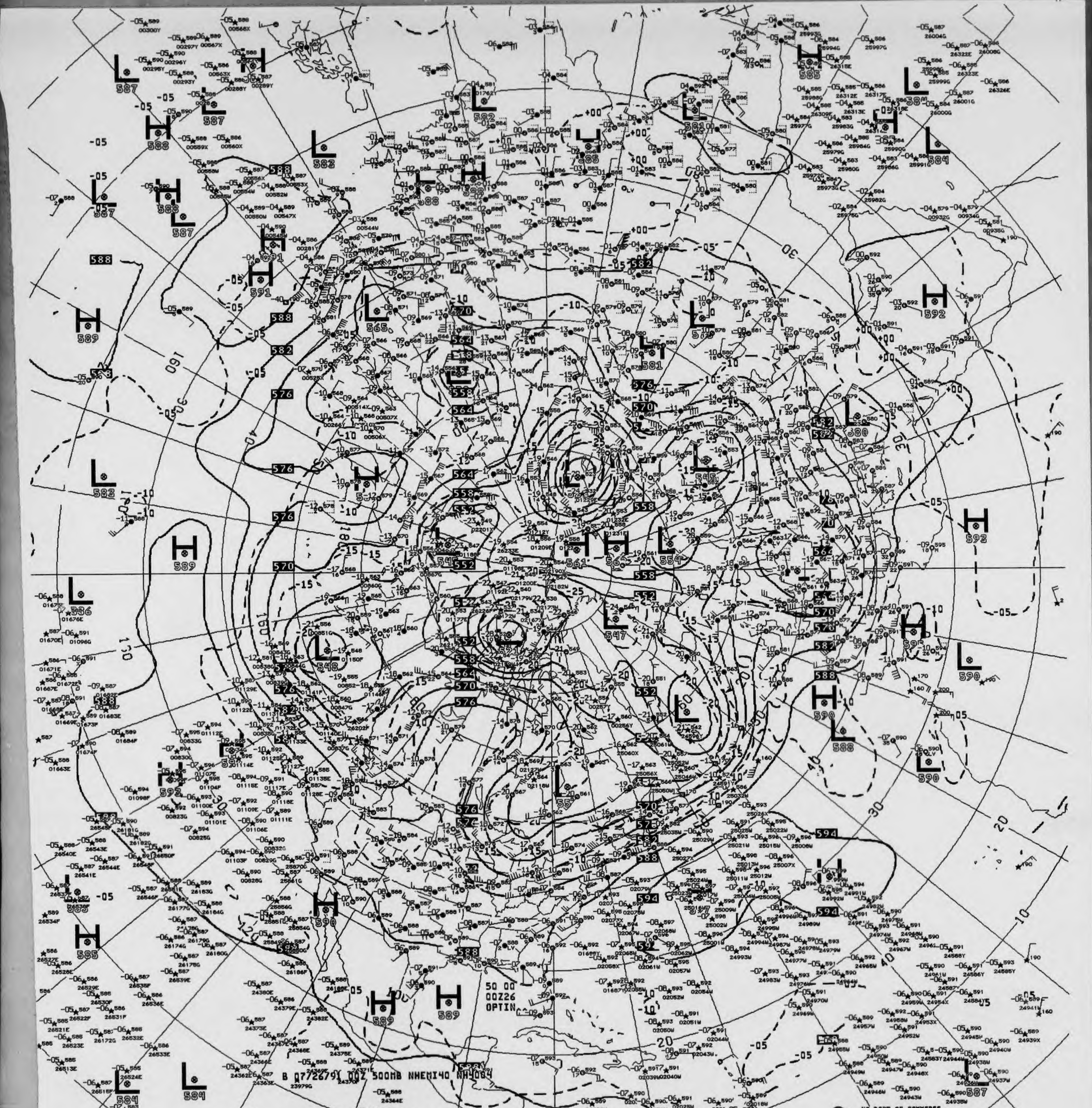
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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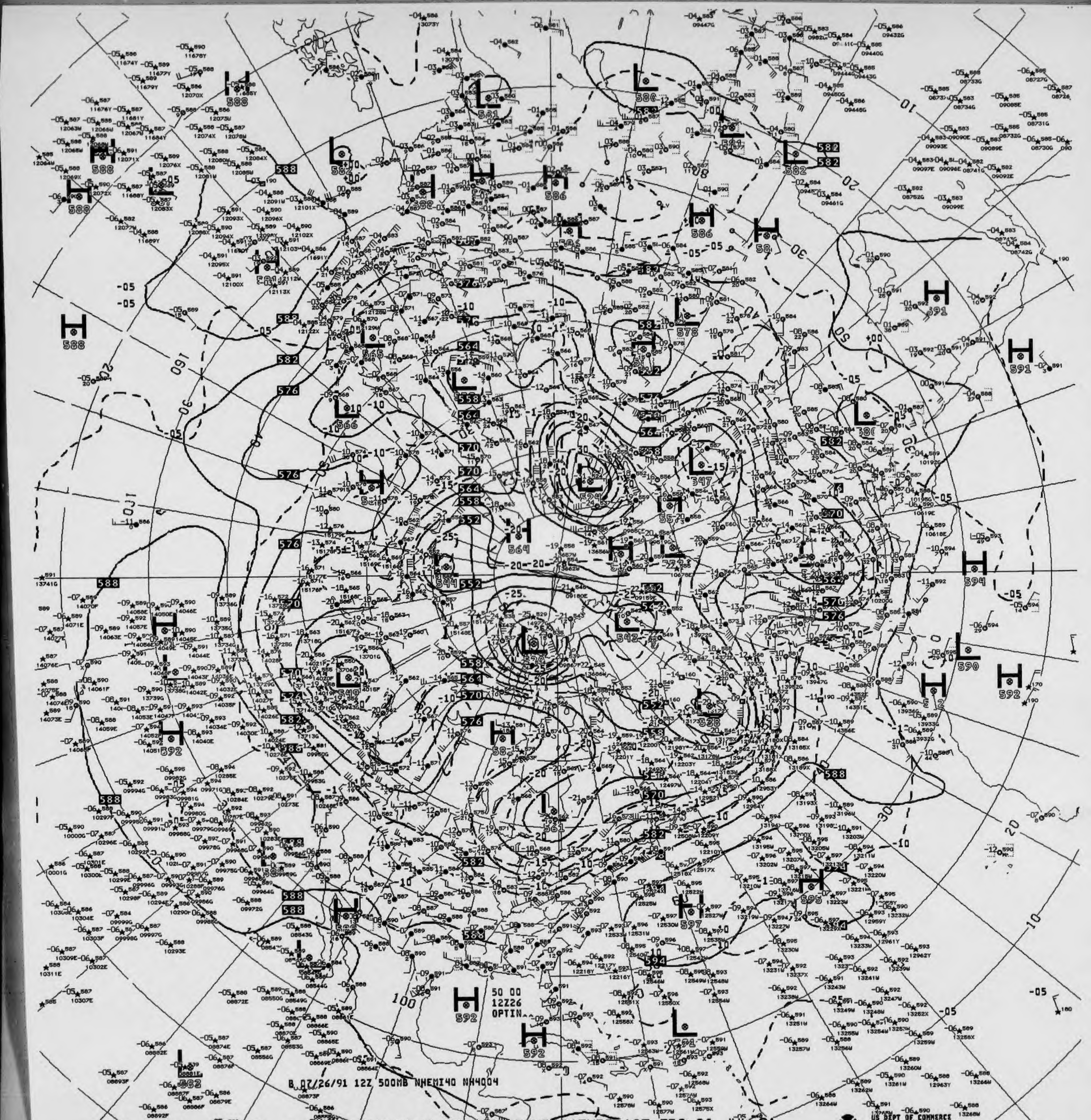
V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z FRI 26 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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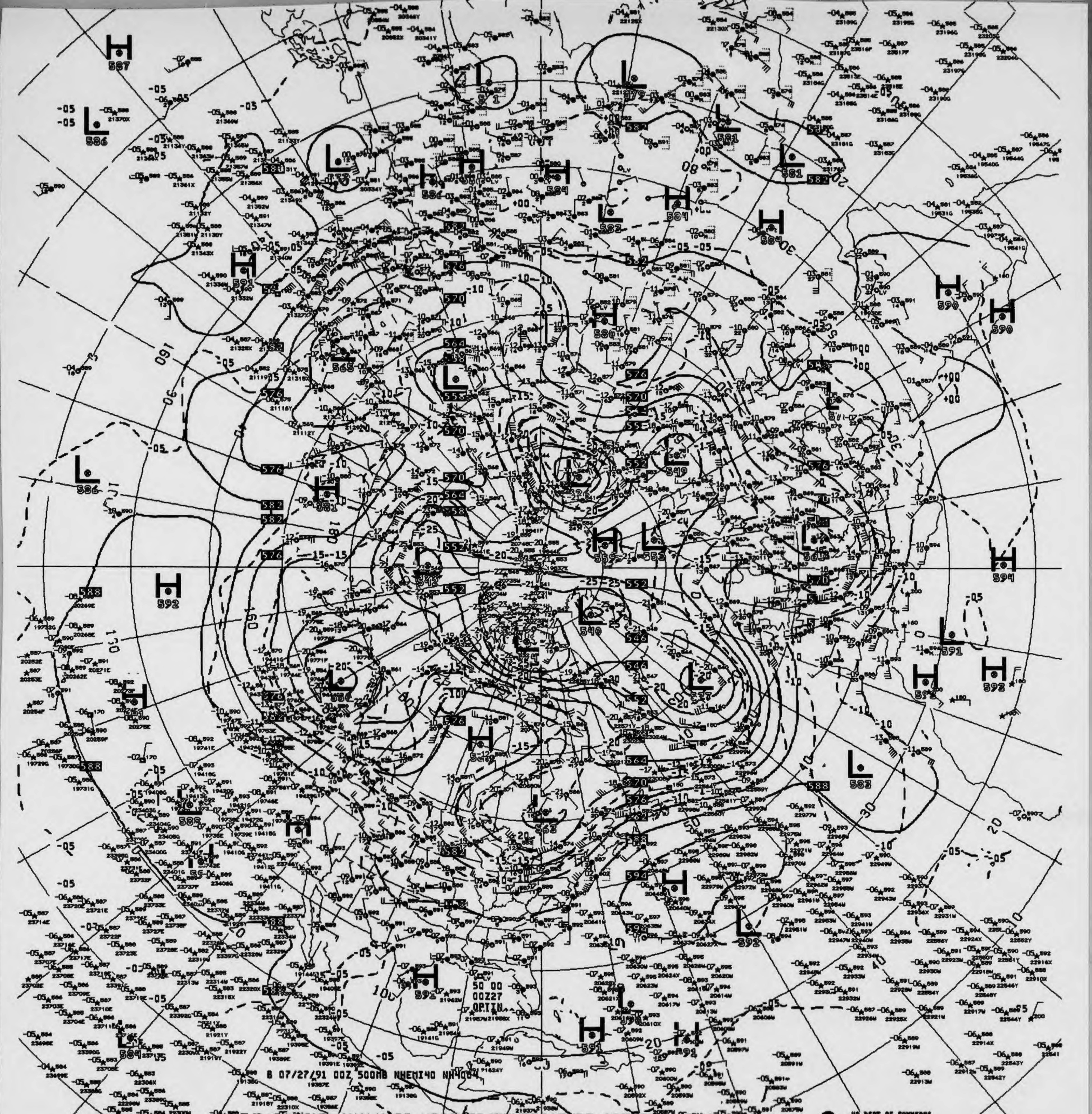
873 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z FRI 26 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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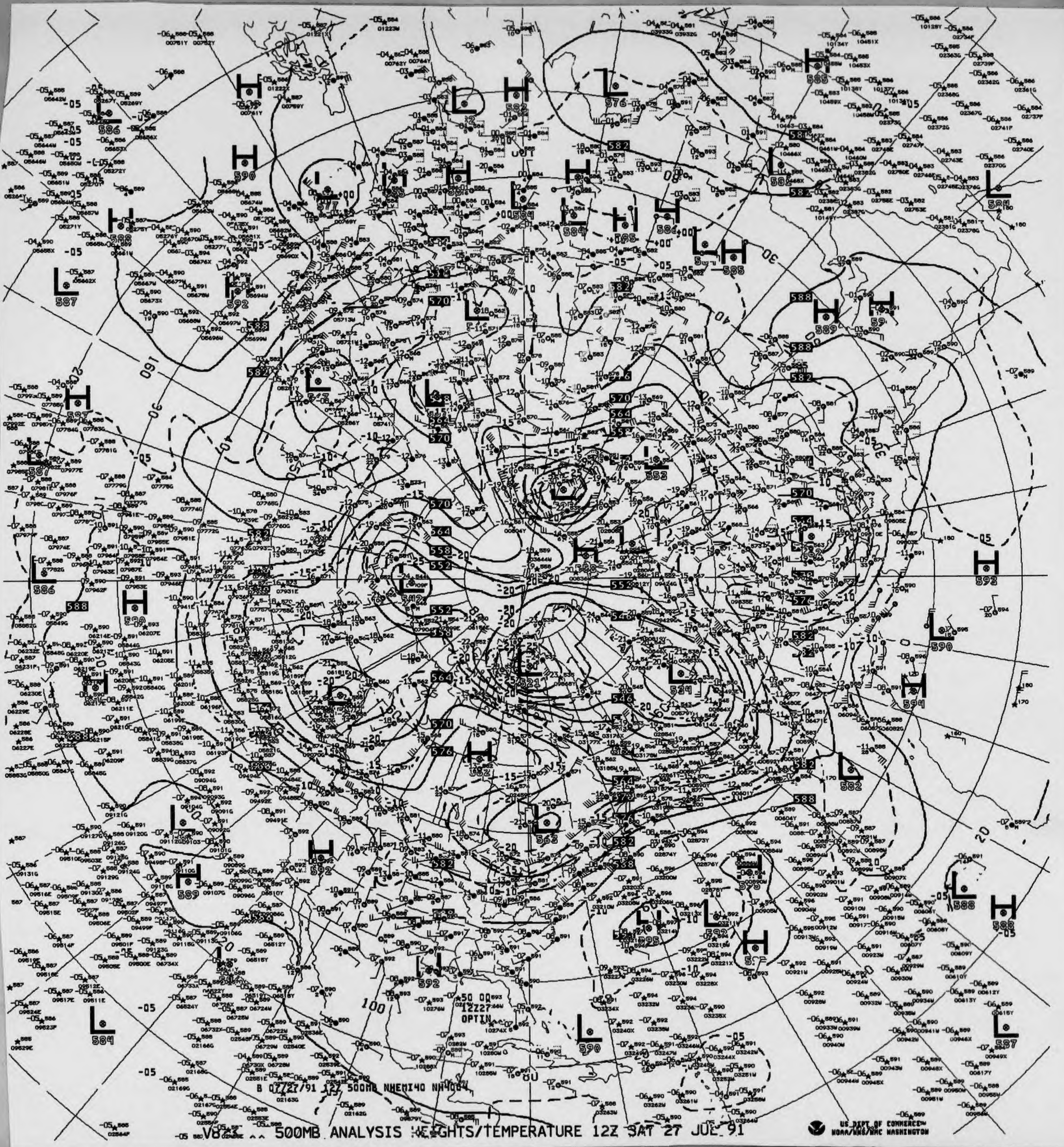
VV23 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SAT 27 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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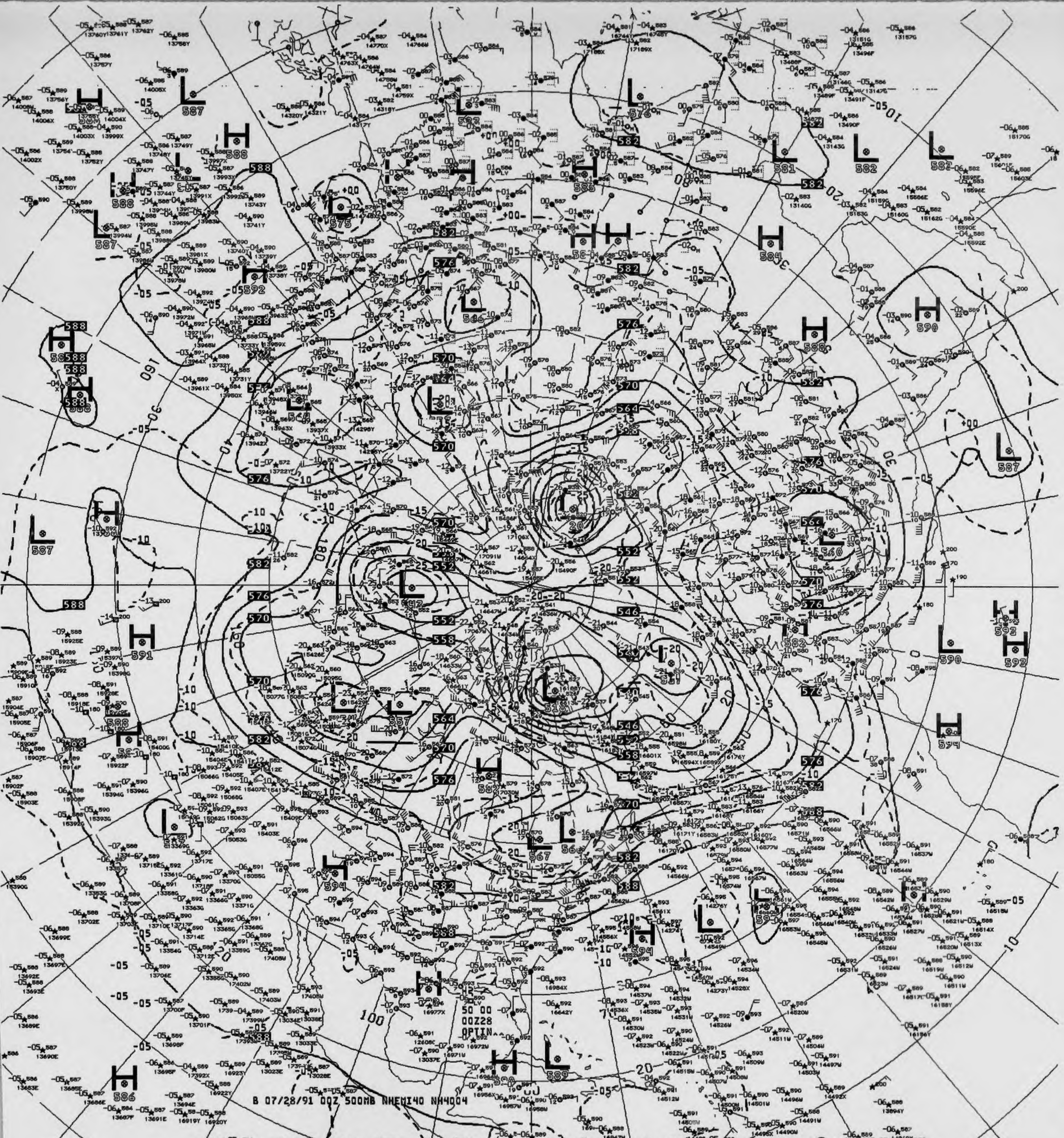
V8XC ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SAT 27 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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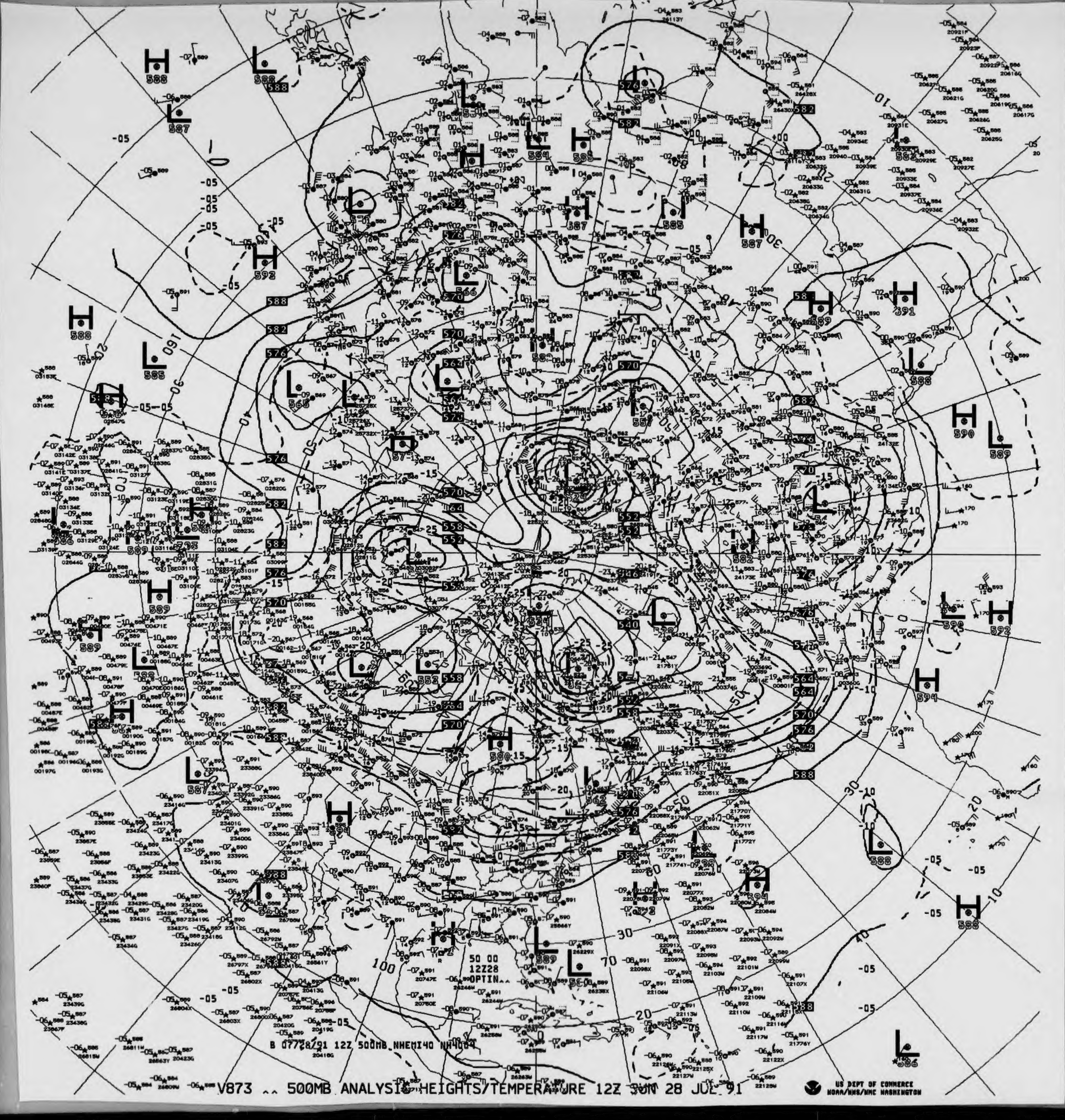
V823 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z SUN 28 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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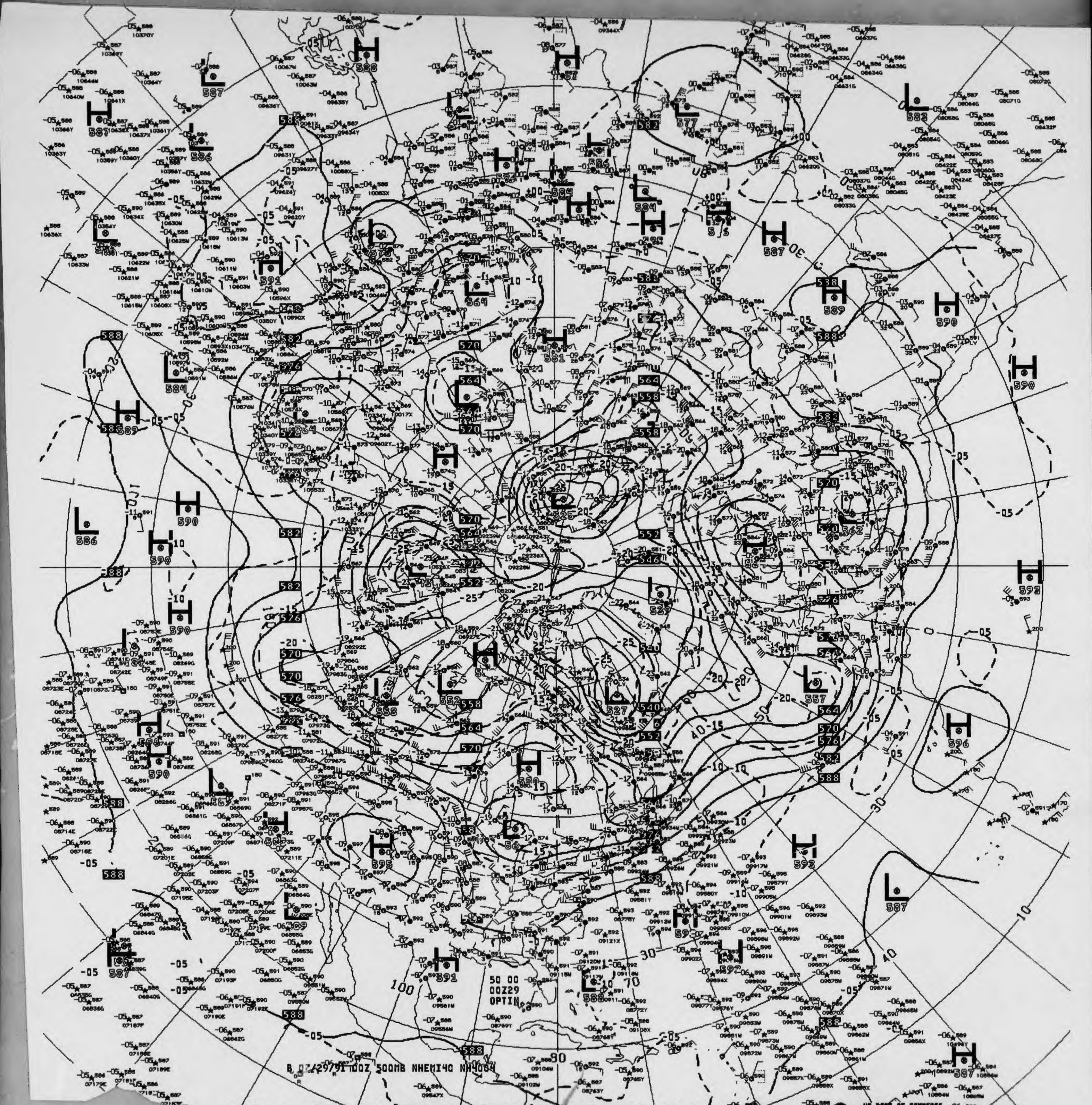
12Z28
OPTIN^^
B 07728/91 12Z 500MB NHEMI40 NH4004

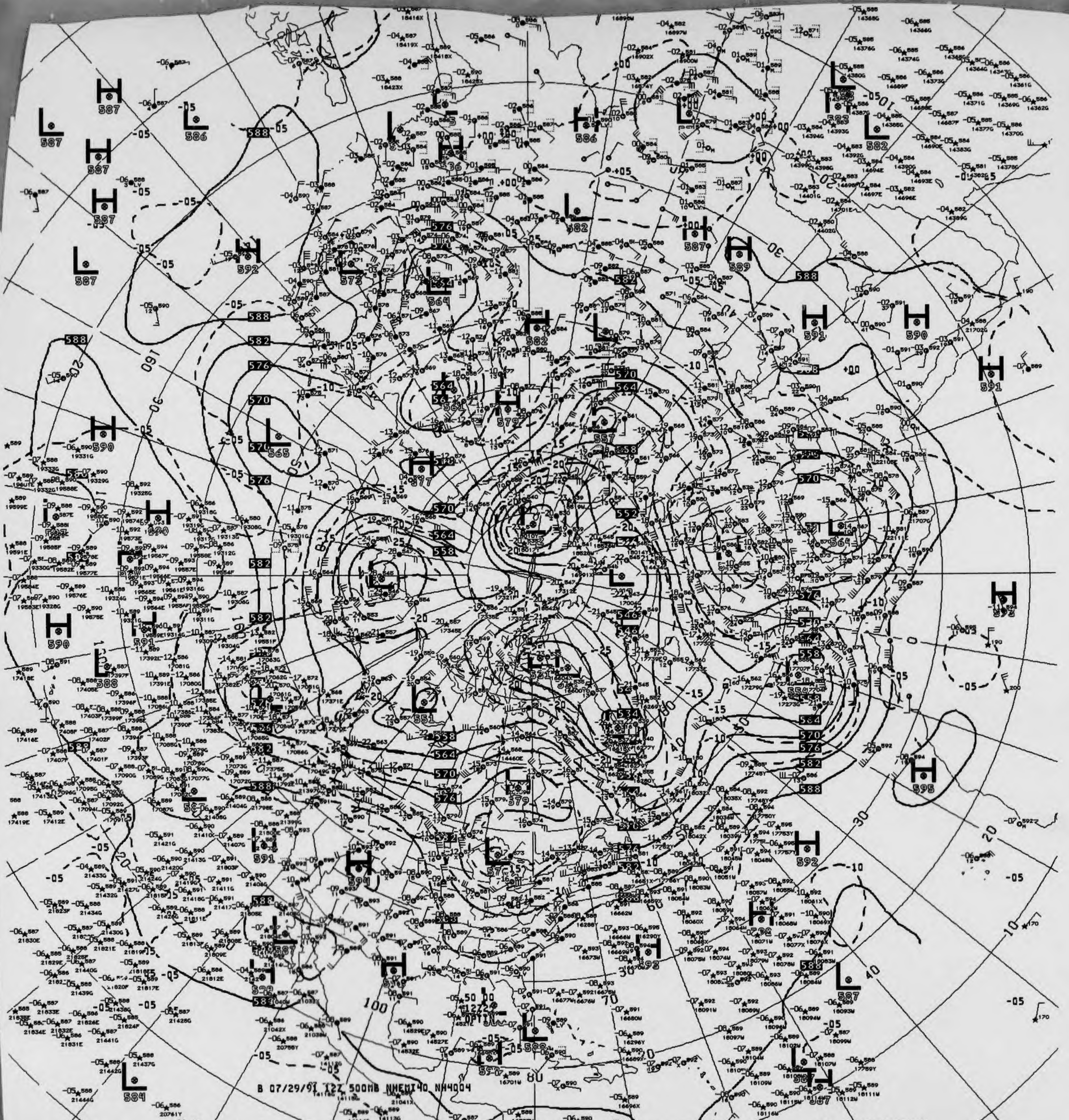
V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z SUN 28 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


50 00
00Z29
OPTIN
B 07/29791 00Z 500MB NHEMI40 NH4004

V823 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z MON 29 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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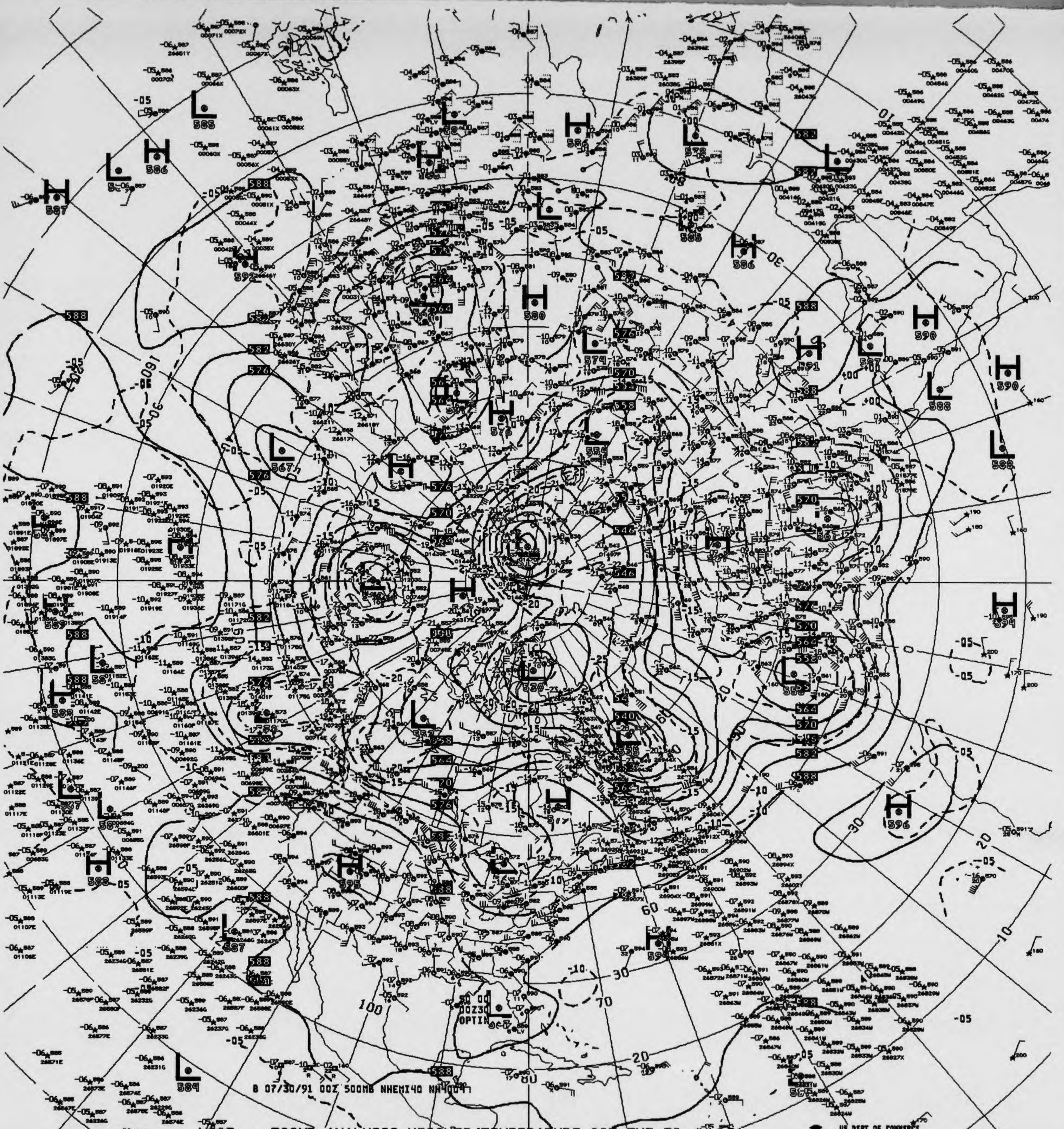
V673 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z MON 29 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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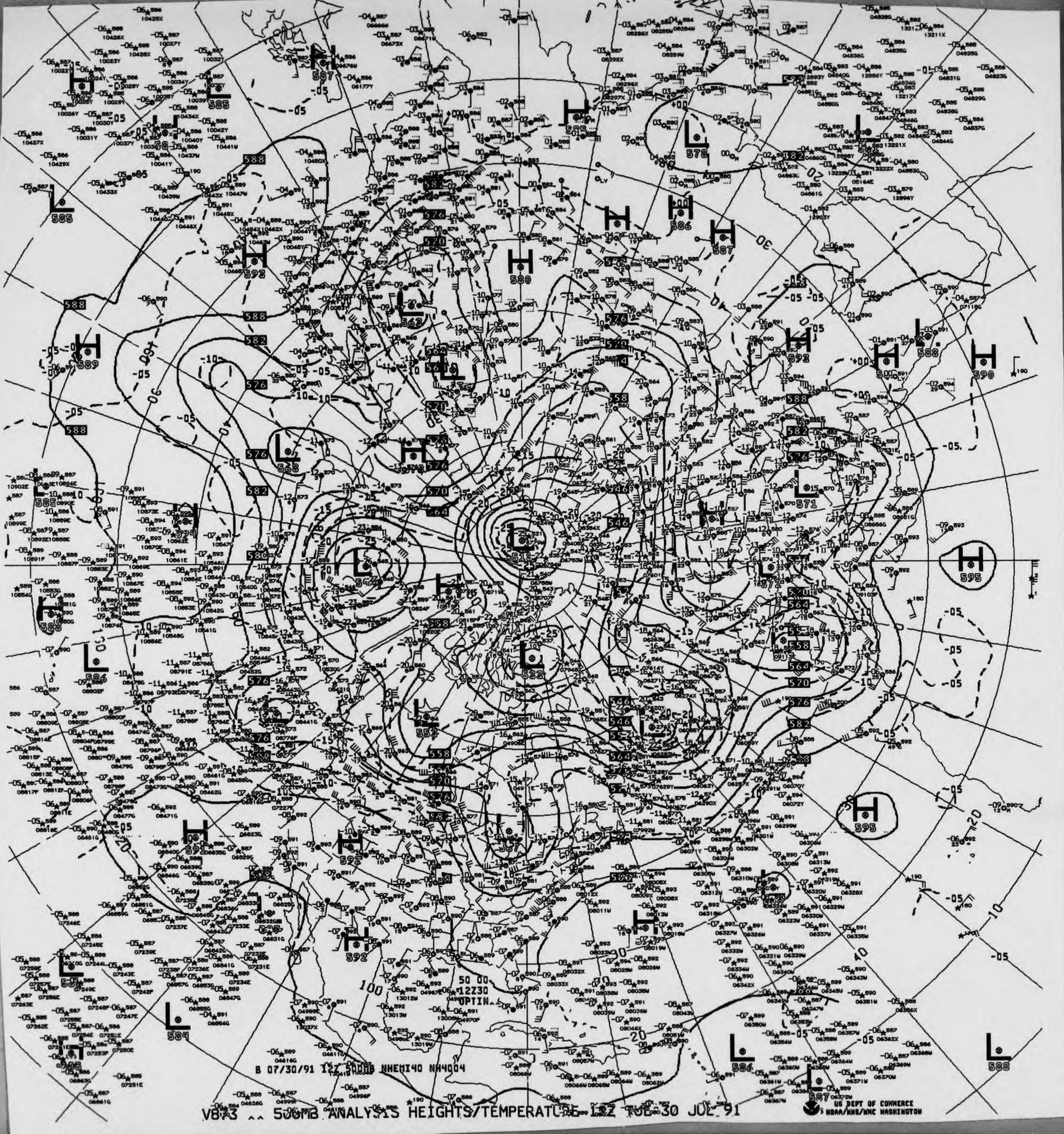
V823 .. 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z TUE 30 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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OPTIN

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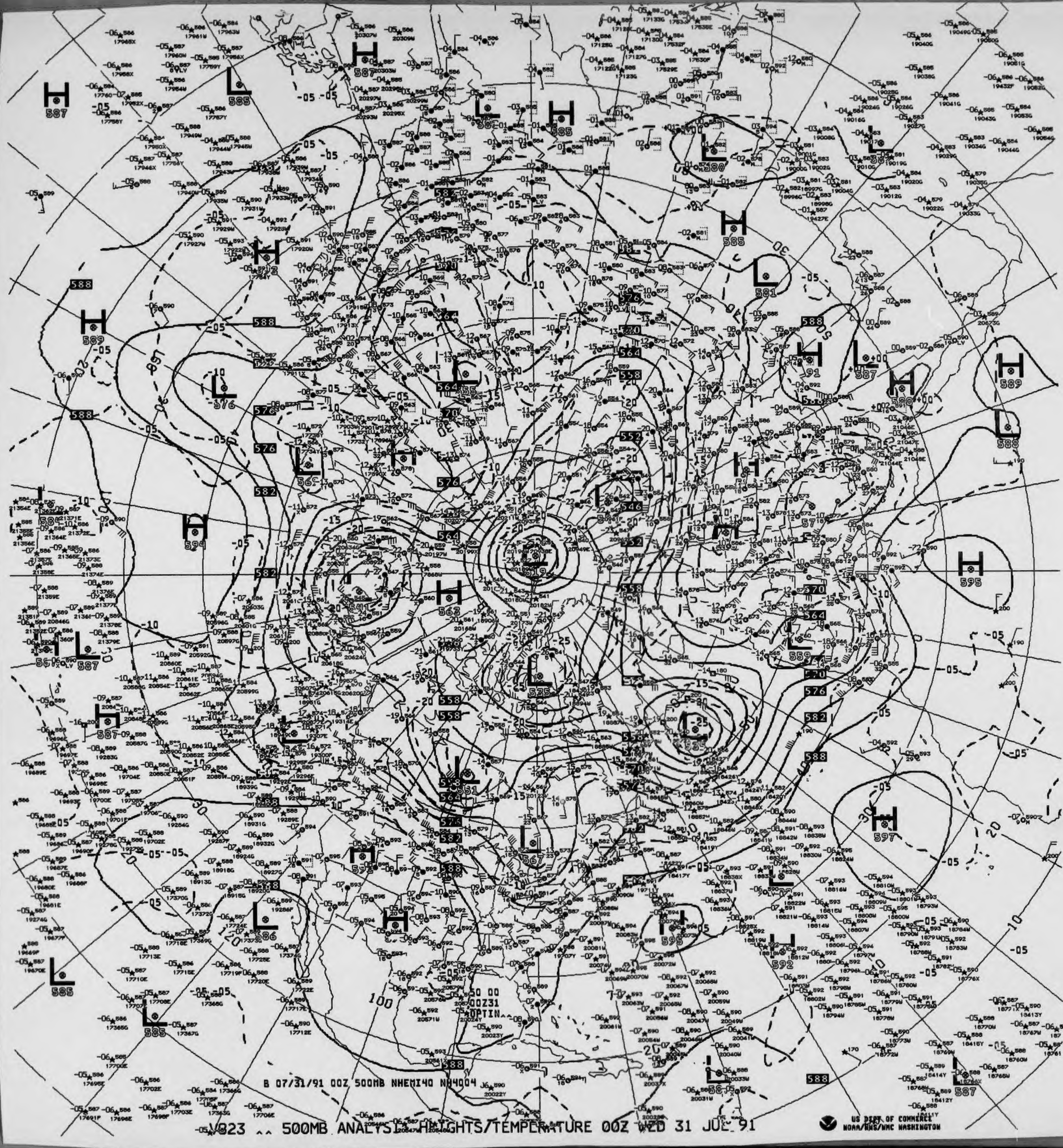
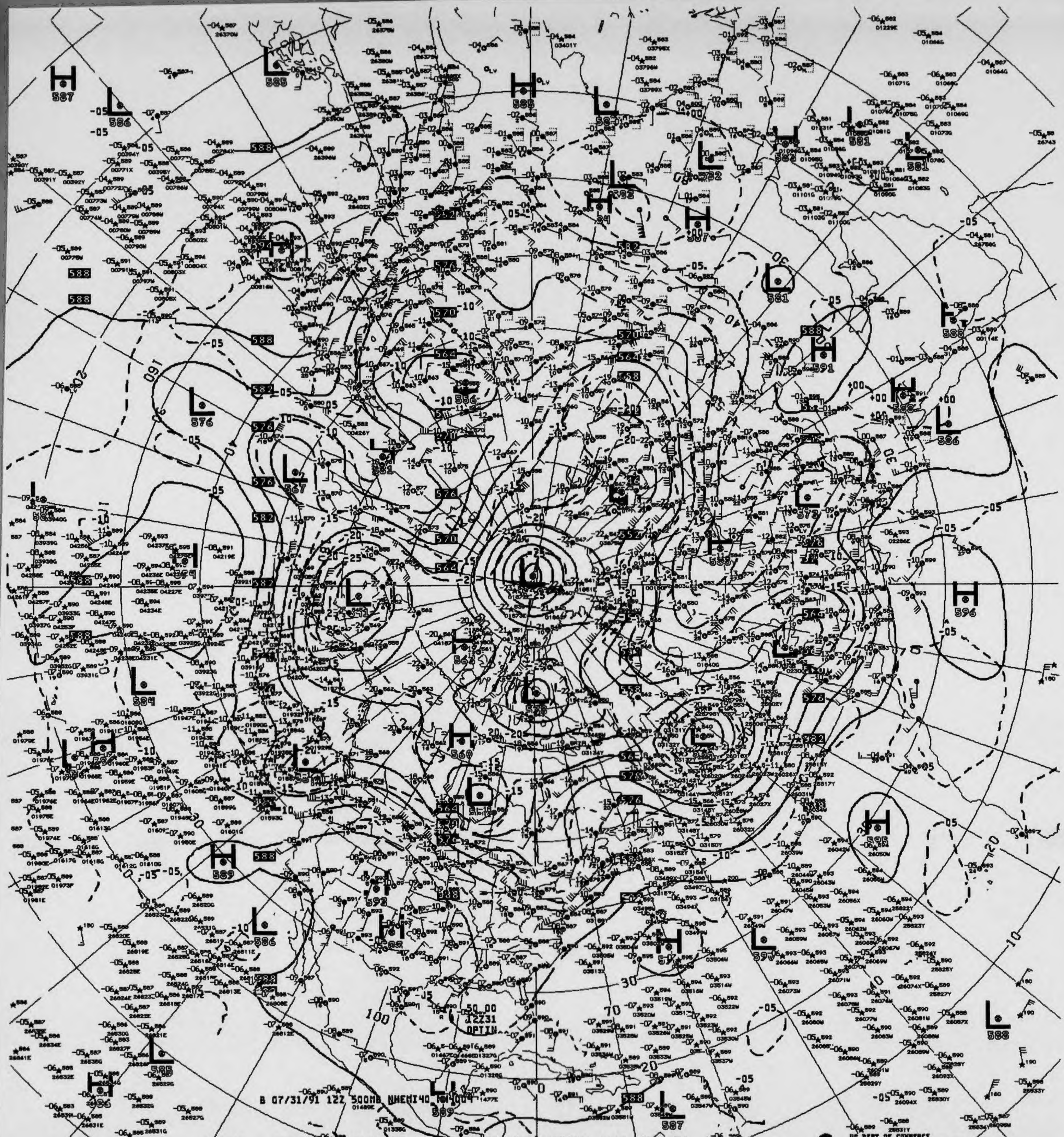
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H
L
588
582
576
570
564
558
552
546
100
50 00
00Z31
OPTIN^^

B 07/31/91 00Z 500MB NHEMI40 NH4004

V823 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 00Z WED 31 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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12Z31
OPTIN
B 07/31/91 12Z 500MB NHEMI40

V873 ^^ 500MB ANALYSIS HEIGHTS/TEMPERATURE 12Z WED 31 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

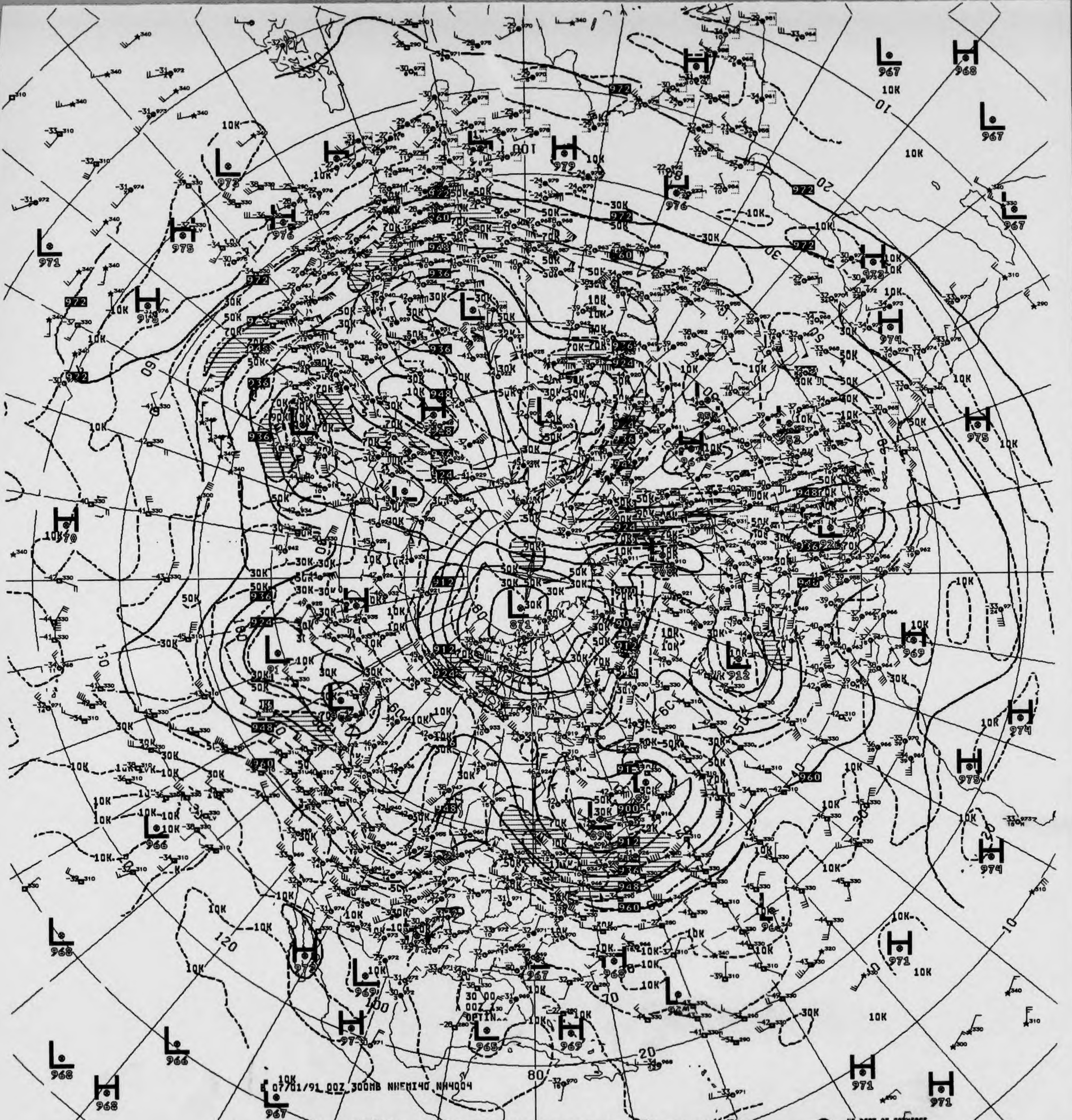
NOAA Form 43-265B
(Rev. 8-83)

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information S
National Climatic Data Center

300 MB CONSTANT PRESSURE CHARTS

NORTHERN HEMISPHERE NWP

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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30 00
00Z
OPTIN^^
871
10K
30K
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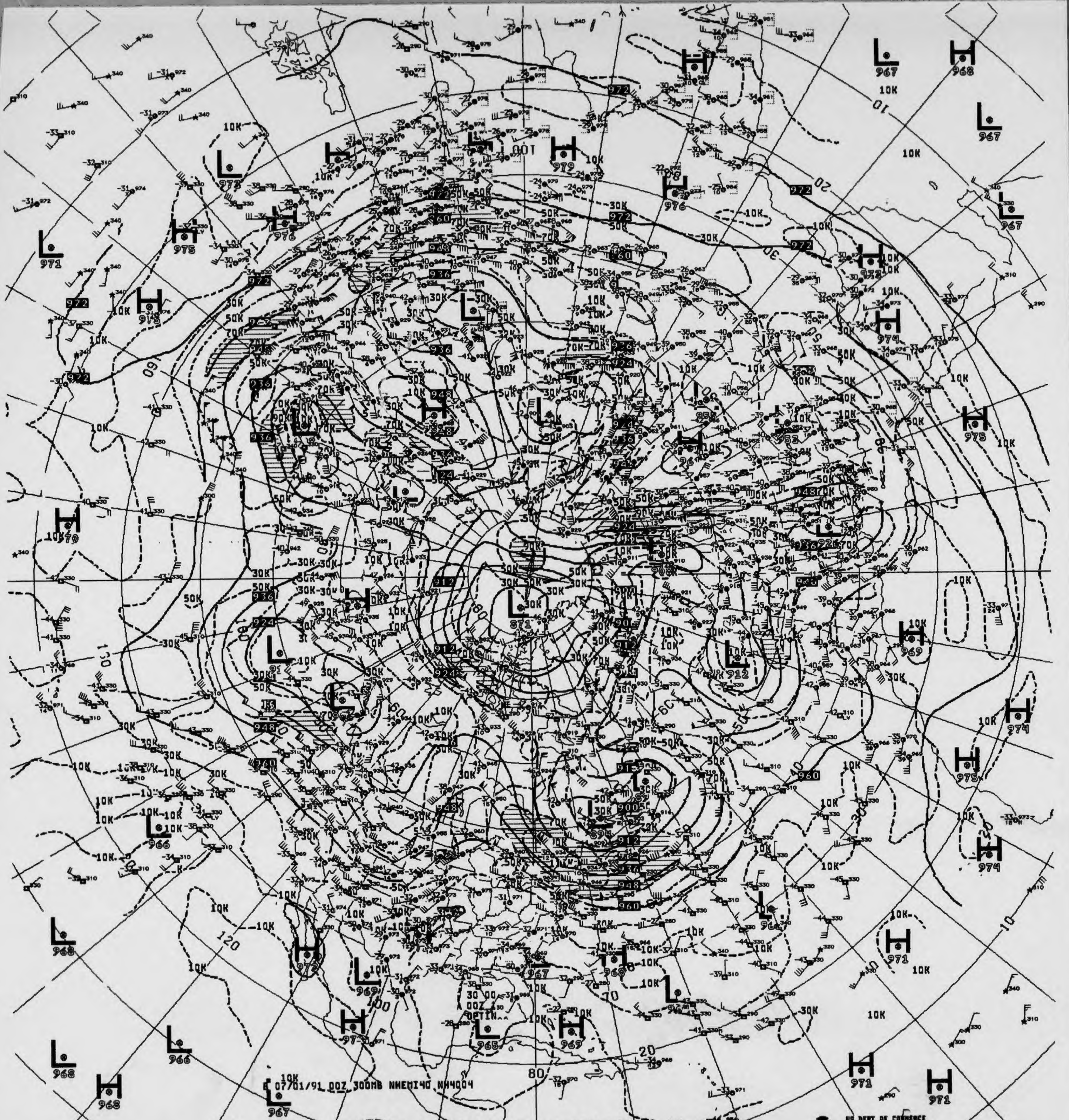
90K

V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 1 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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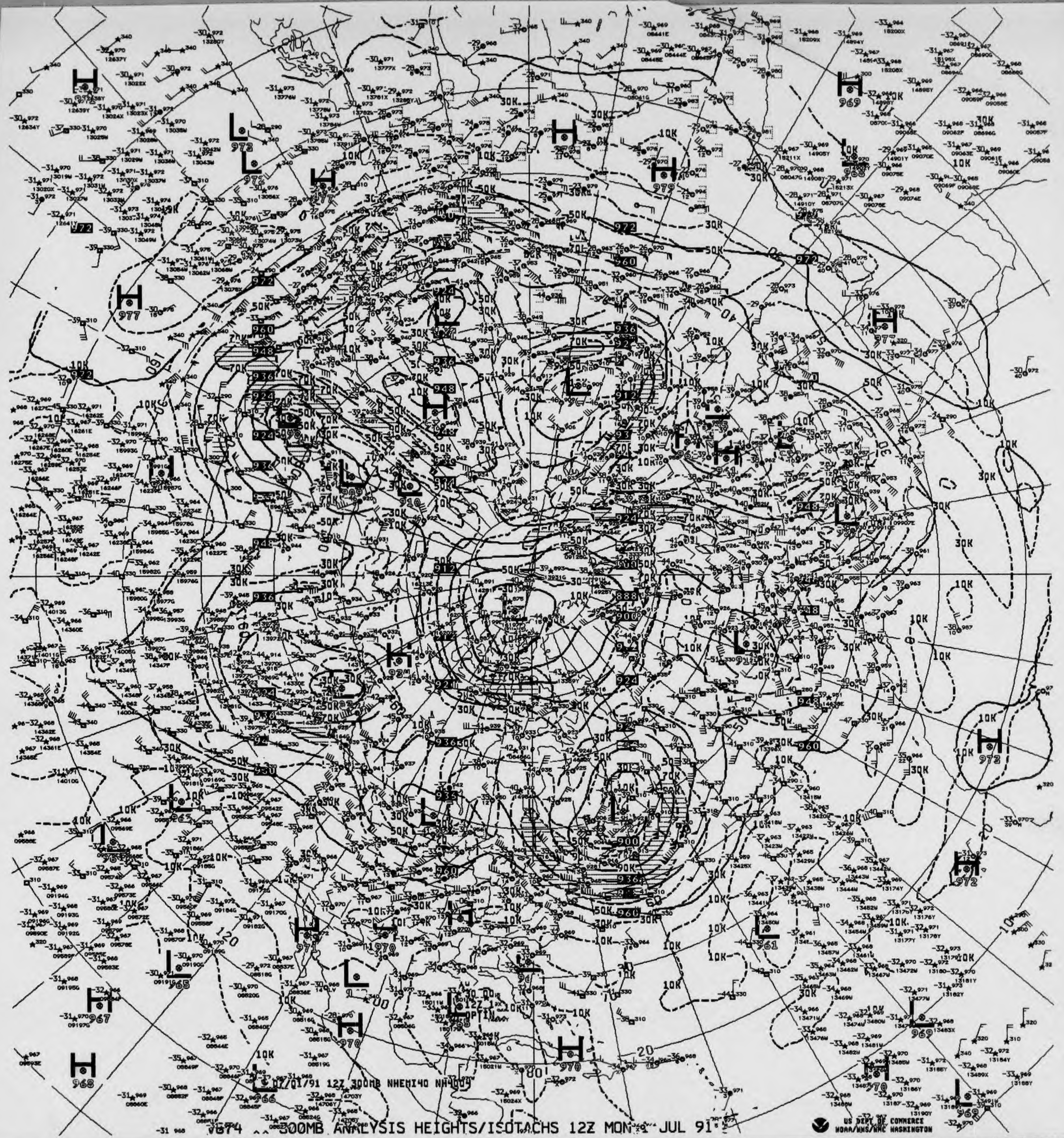
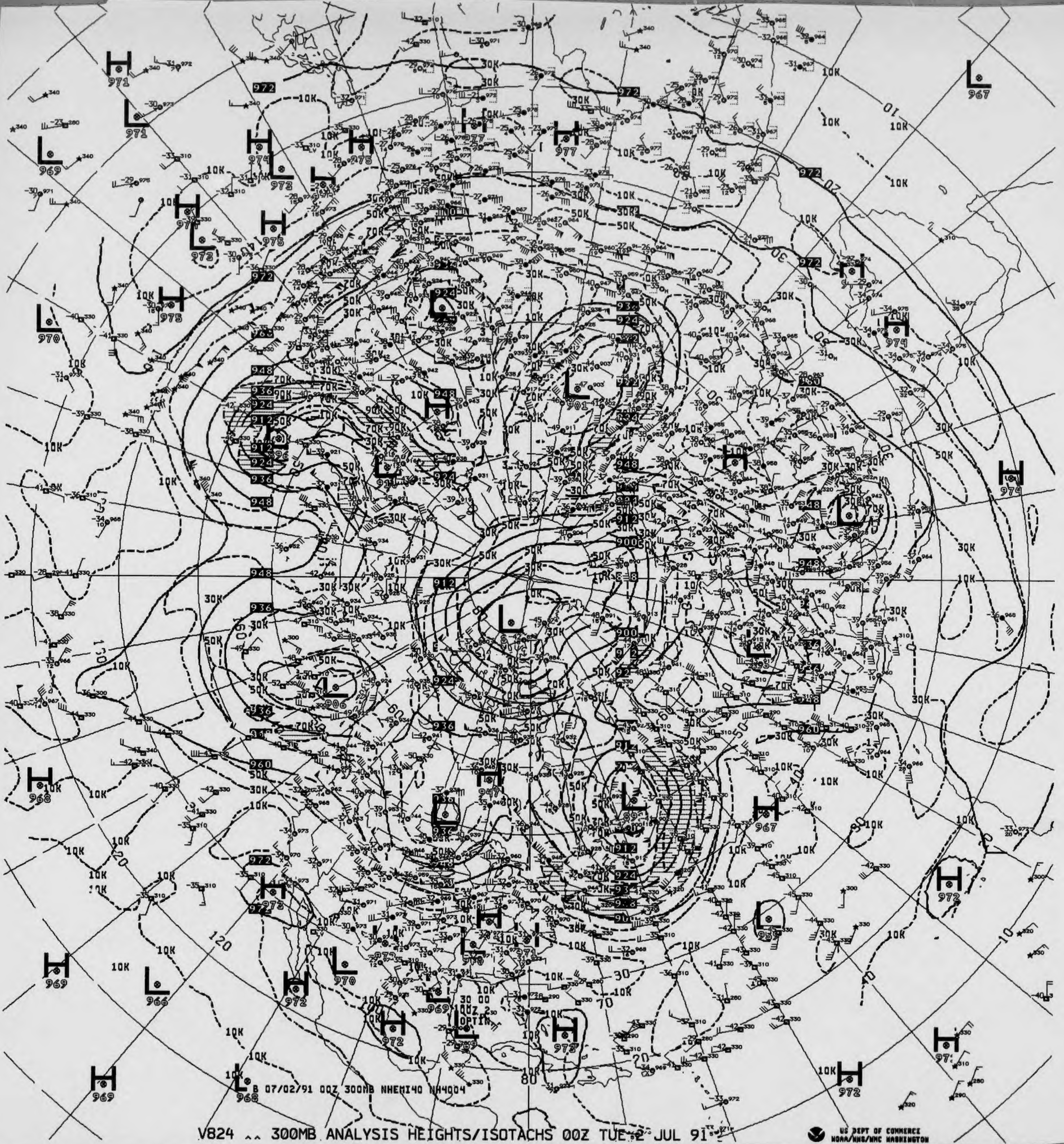
V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 1 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


07/01/91 12Z 300MB NHEMI40 NH4004

7874 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 1 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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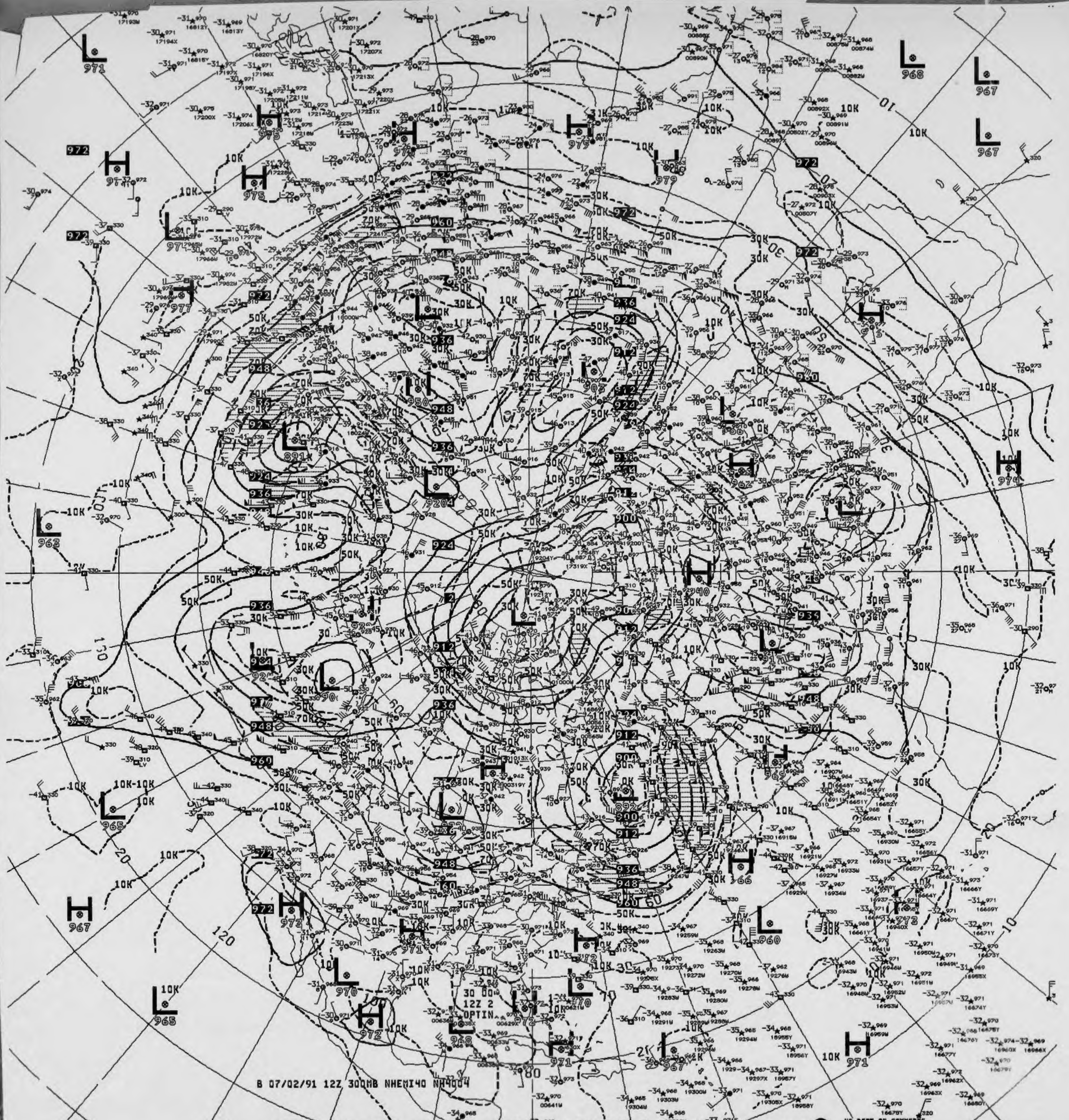
10K
30K
50K
70K
972
948
936
924
912
900

V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 2 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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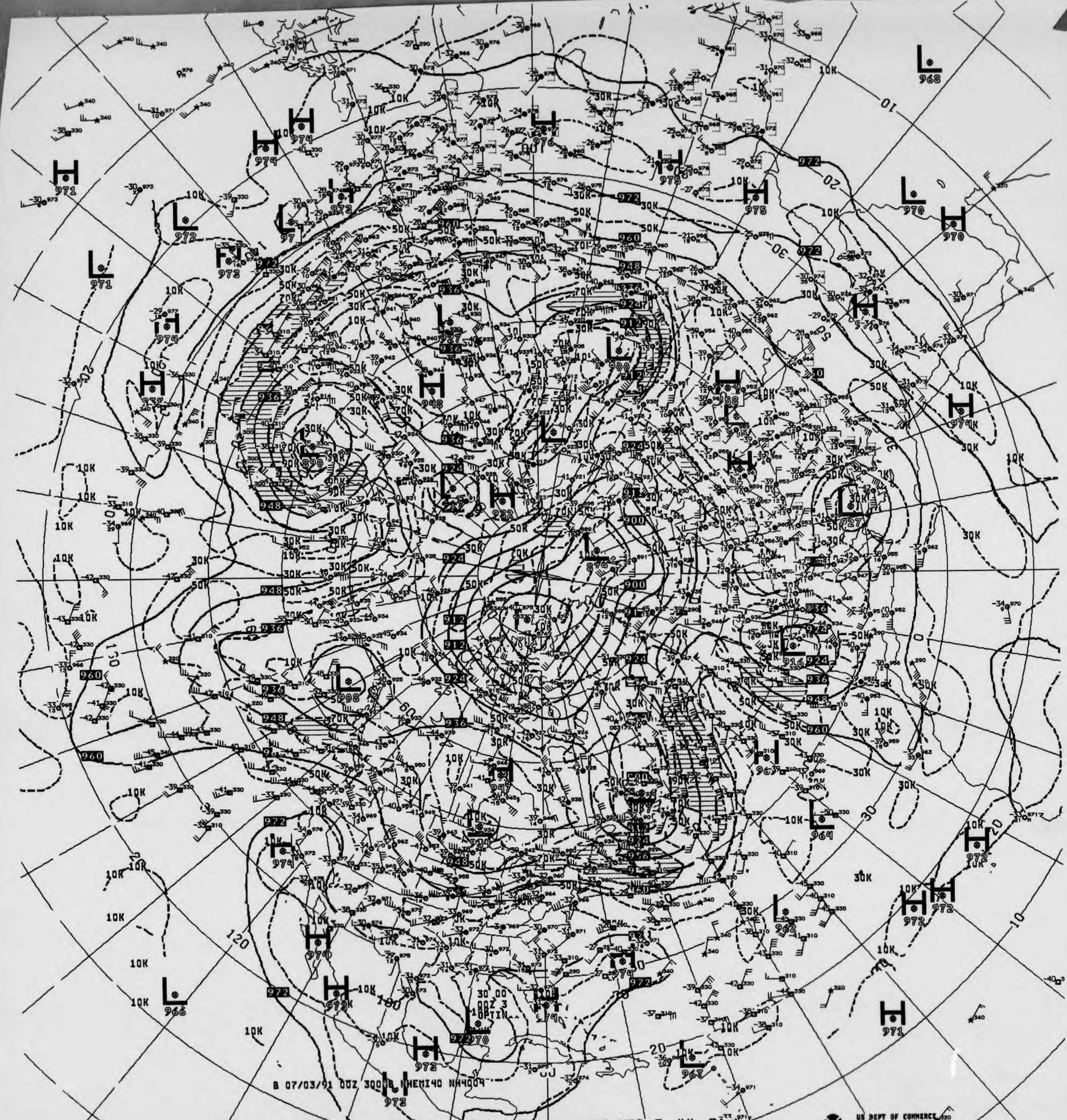
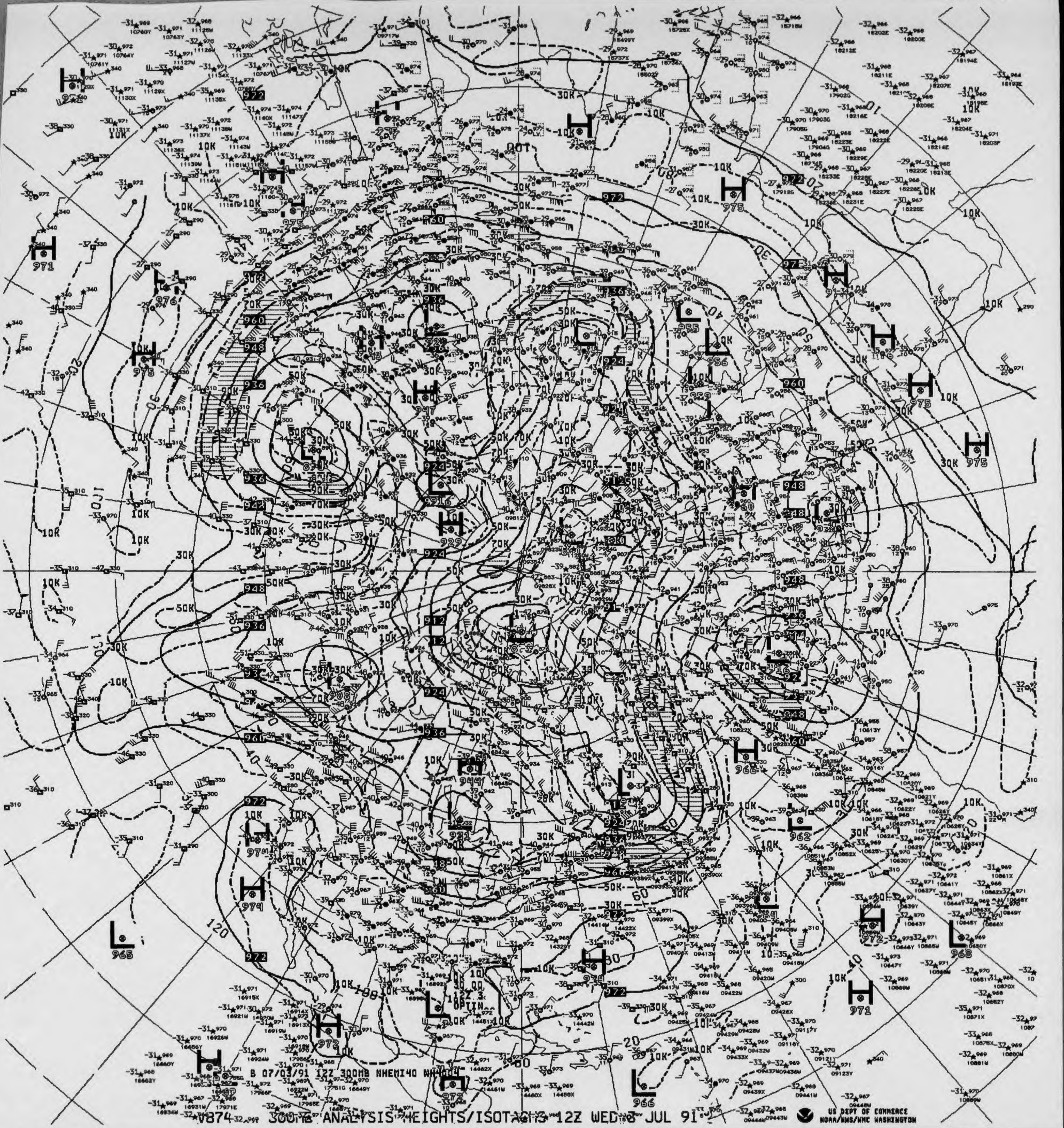
V874 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 2 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/03/91 00Z 300MB NHEMI40 NH4004
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 3 JUL 91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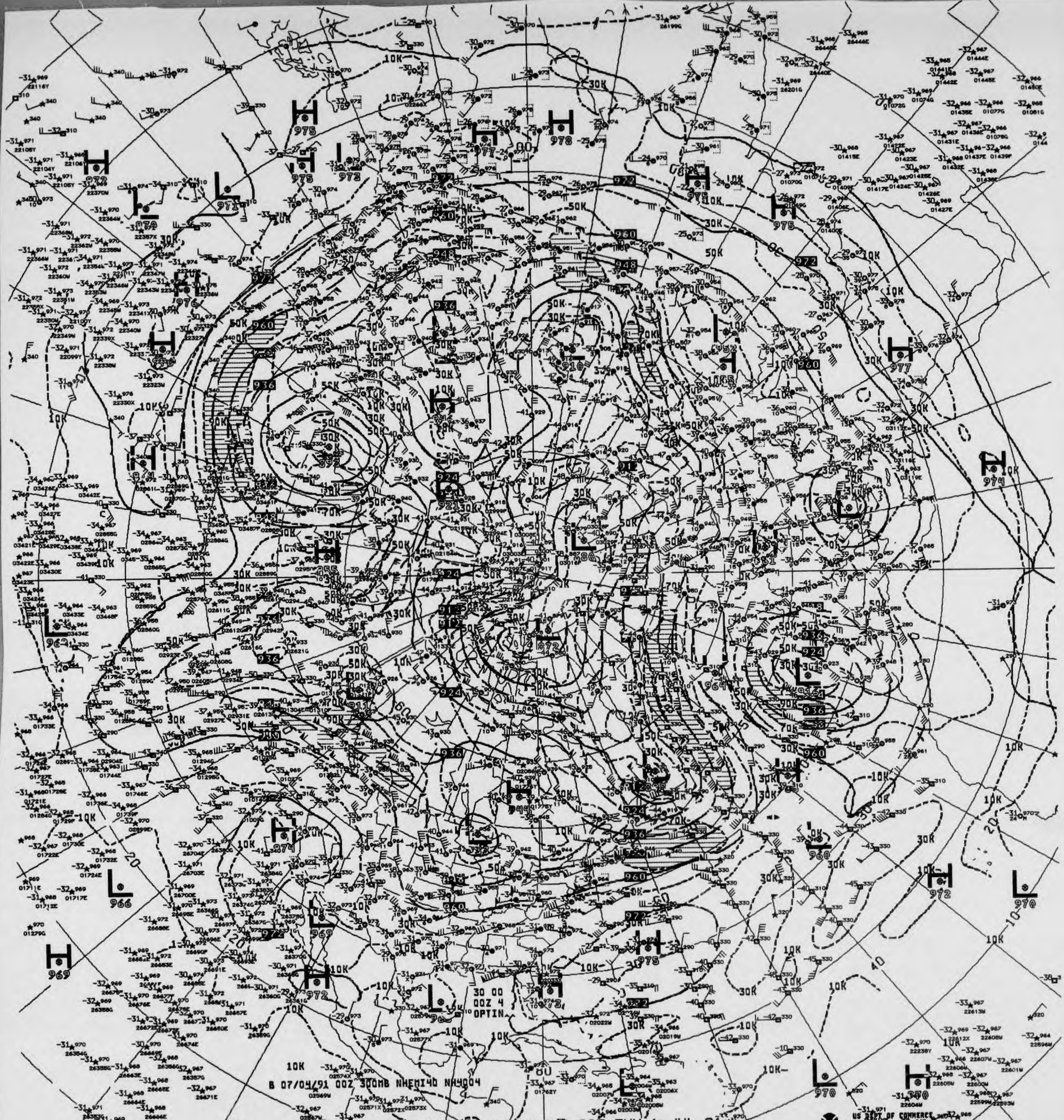
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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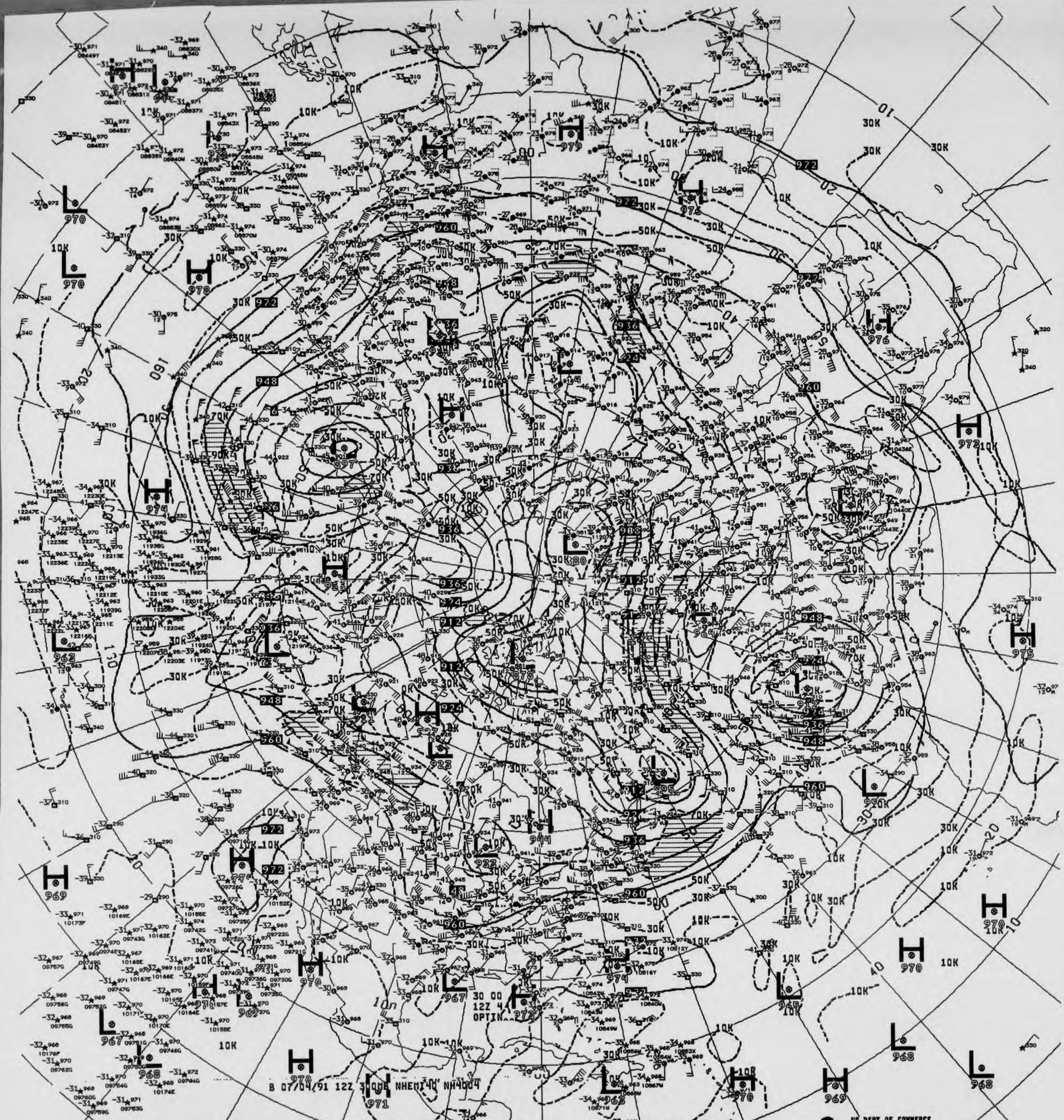
00Z 4
OPTIN
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 4 JUL 91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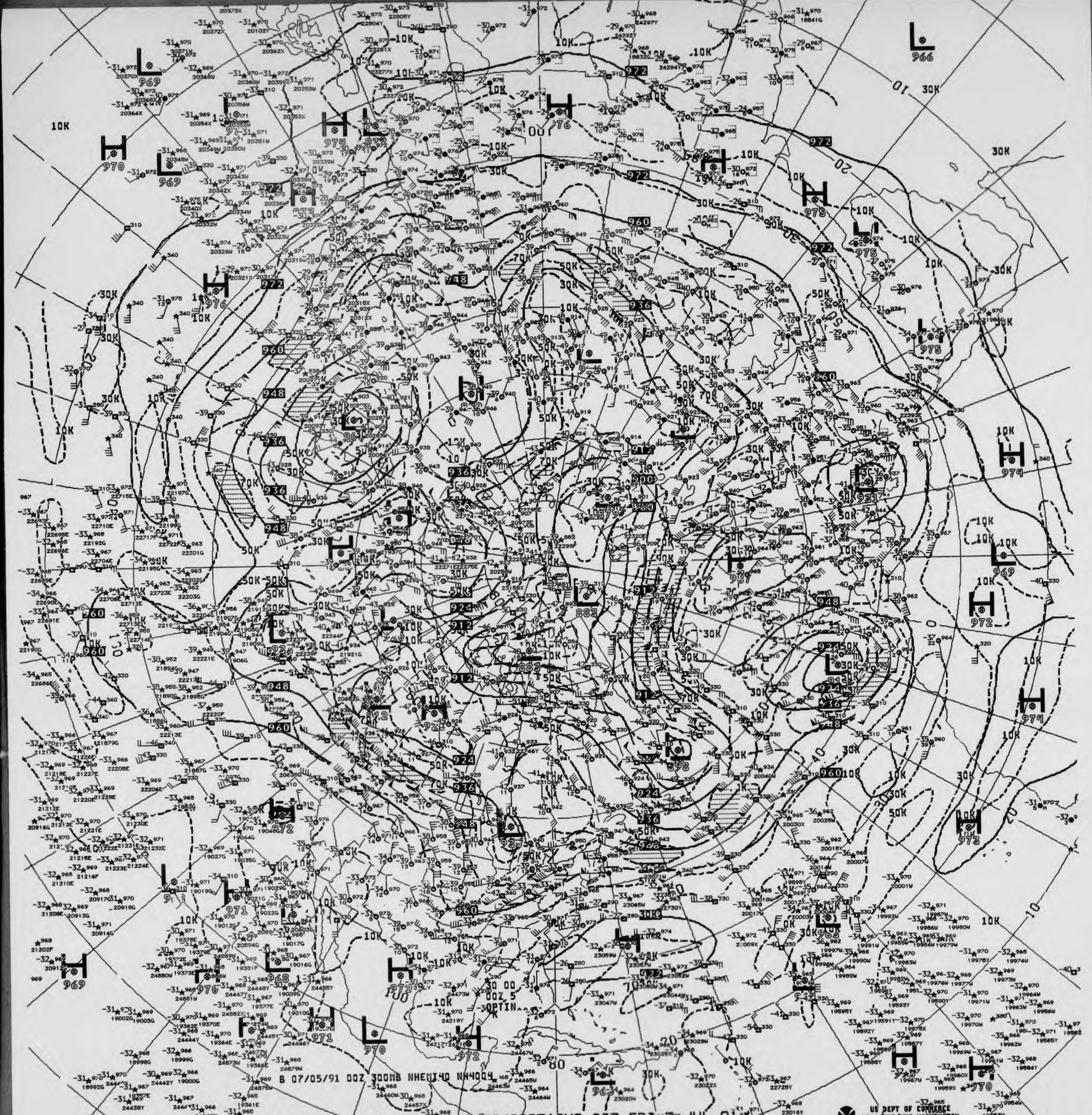
V874 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 4 JUL 91

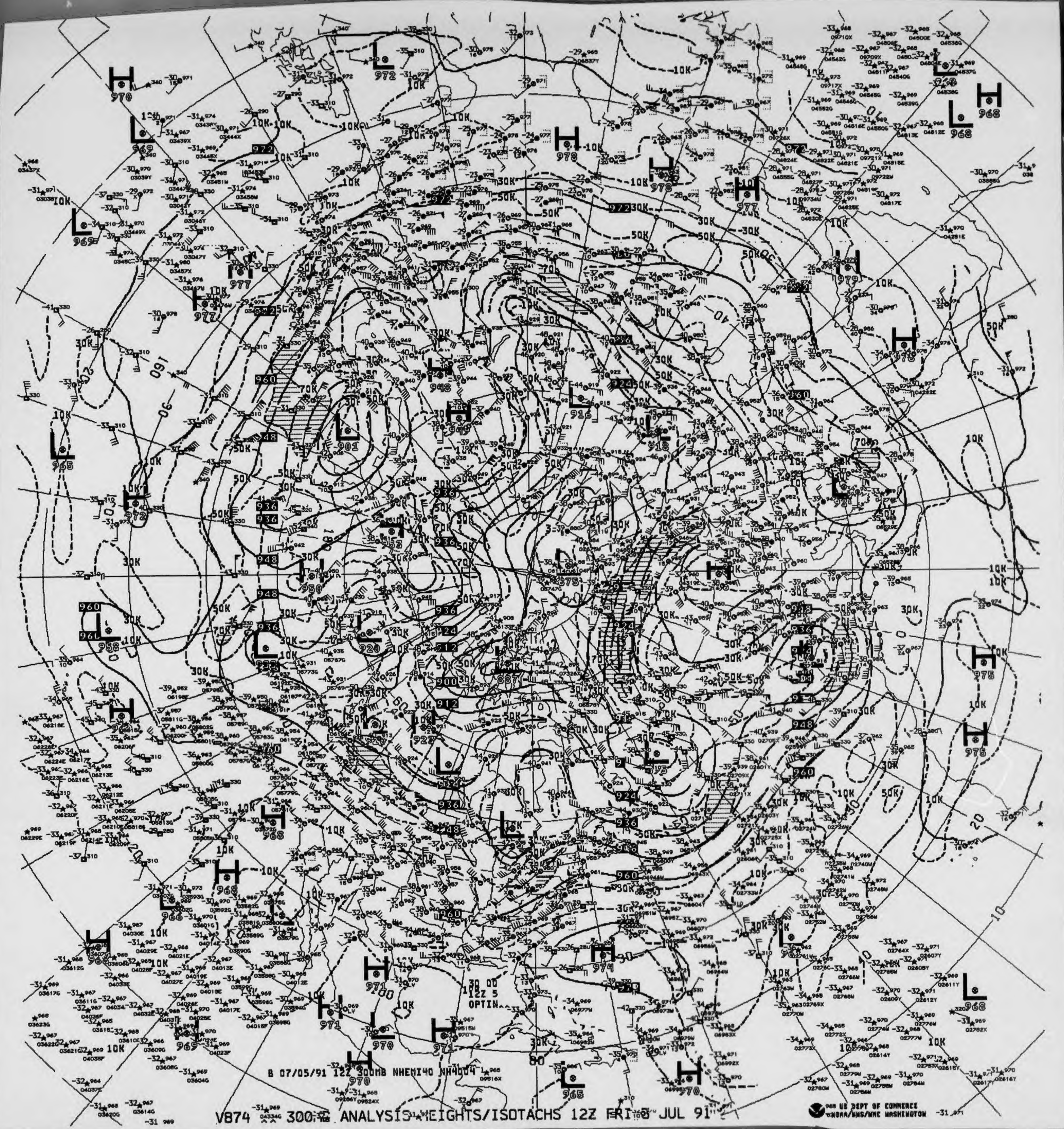
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/05/91 00Z 300MB NHEMI40 NH4004

V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 5 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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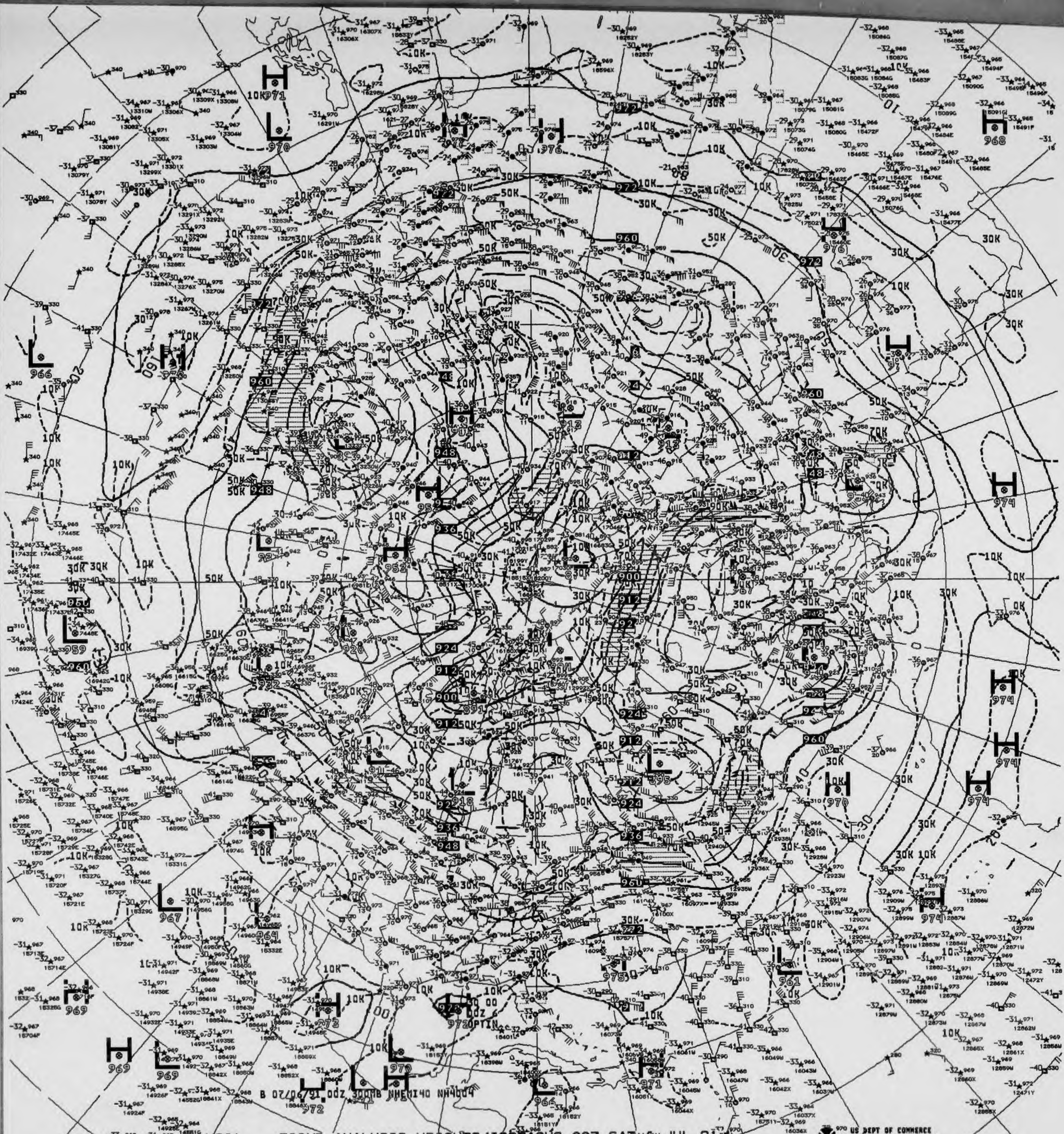
12Z 5
OPTIN

V874 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 5 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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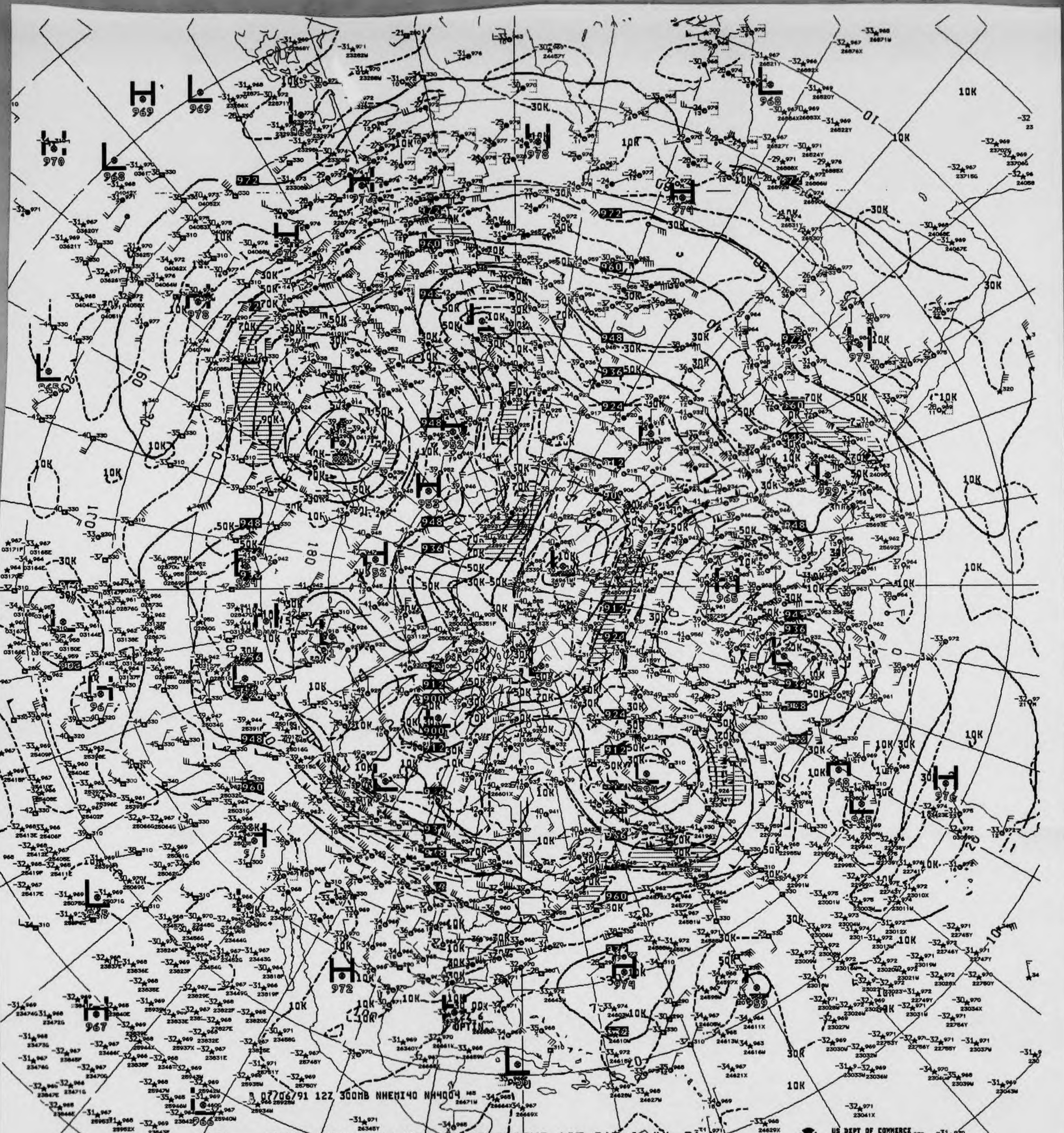
V824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 6 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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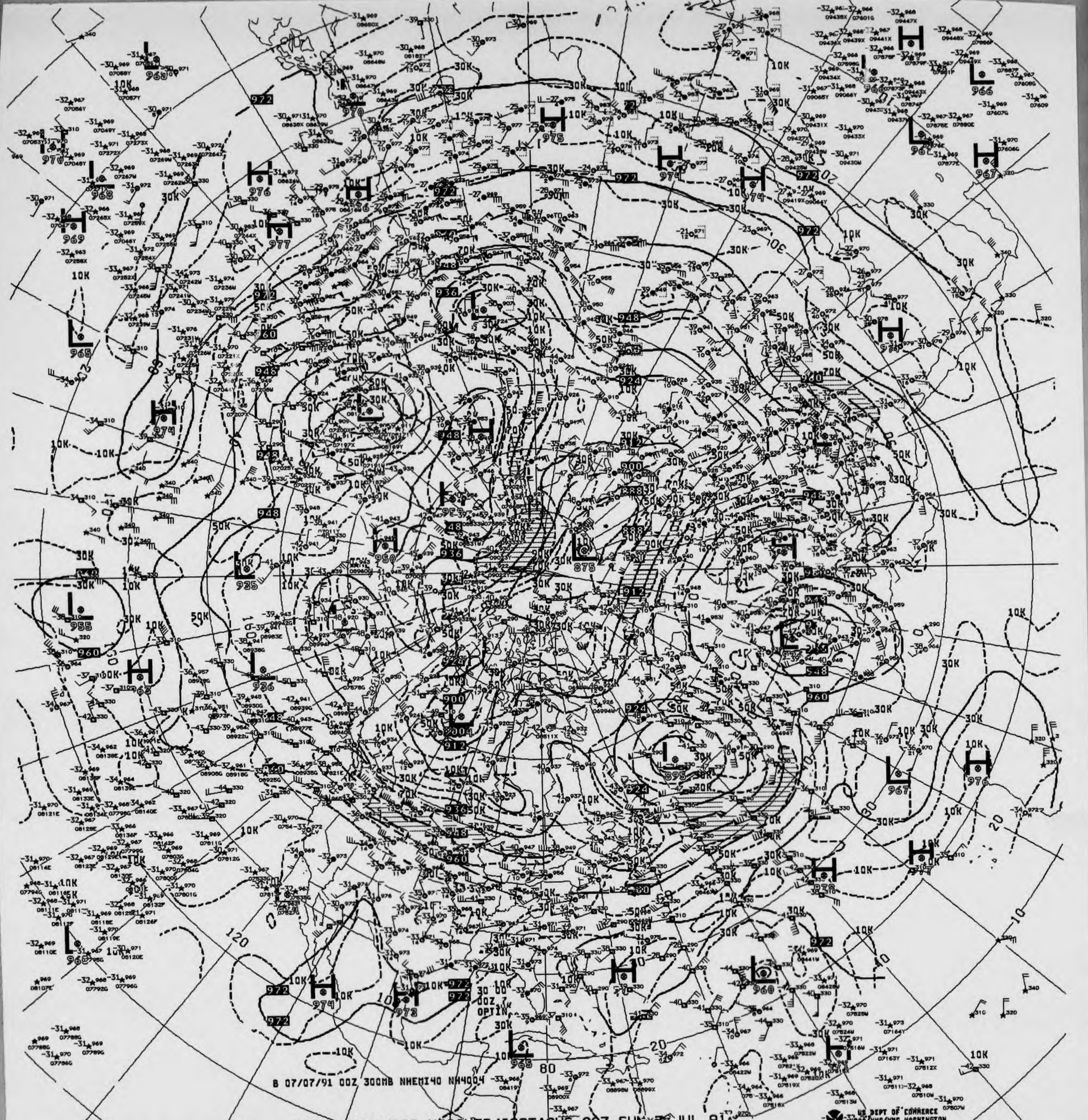
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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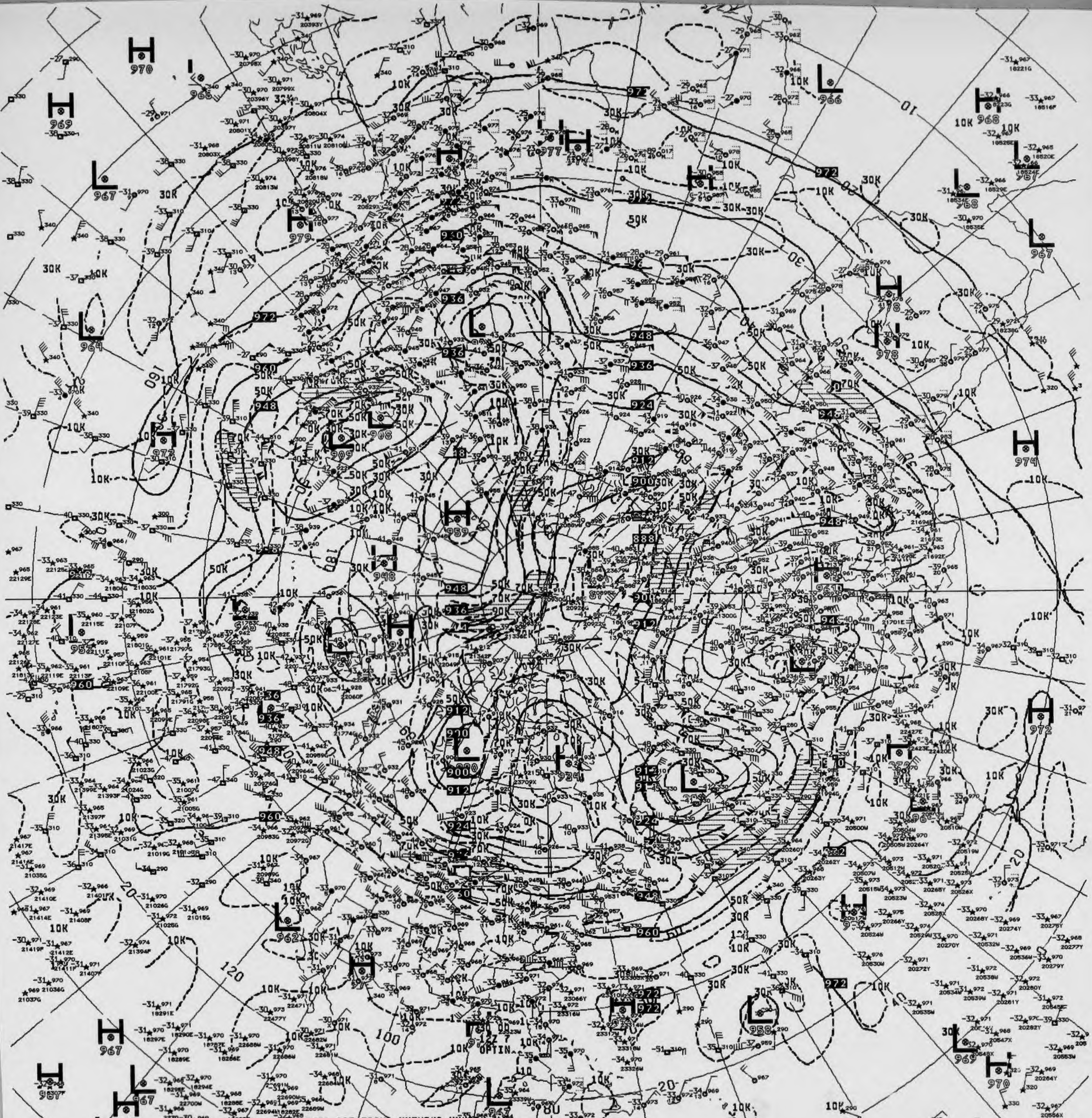
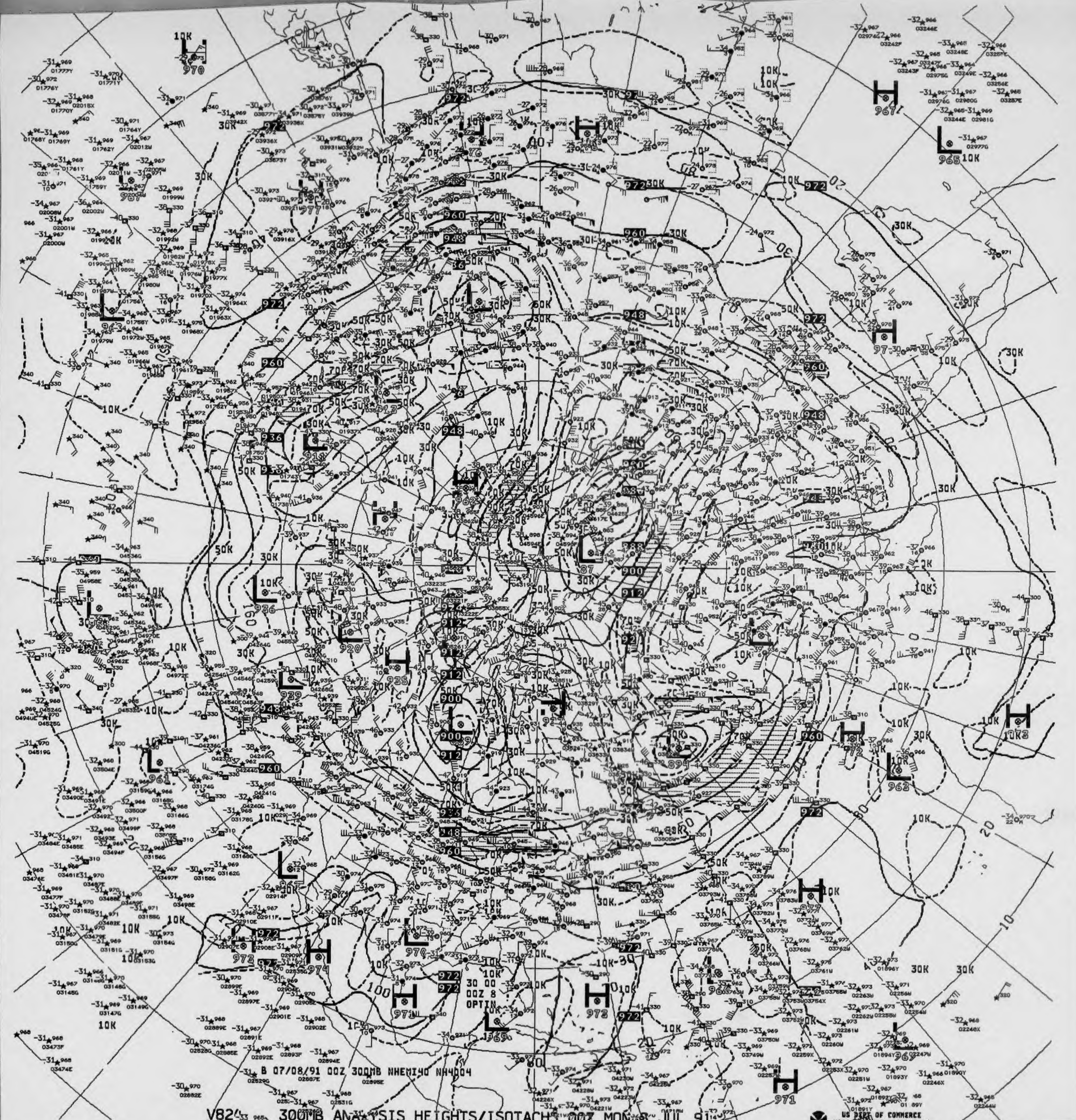
V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 7 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/07/91 12Z 300MB NHEMI40 NH4004
12Z 7
OPTIN
10K
30K
50K
70K
100
120
160
180
80
20
10
30
40
60

V674 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 7 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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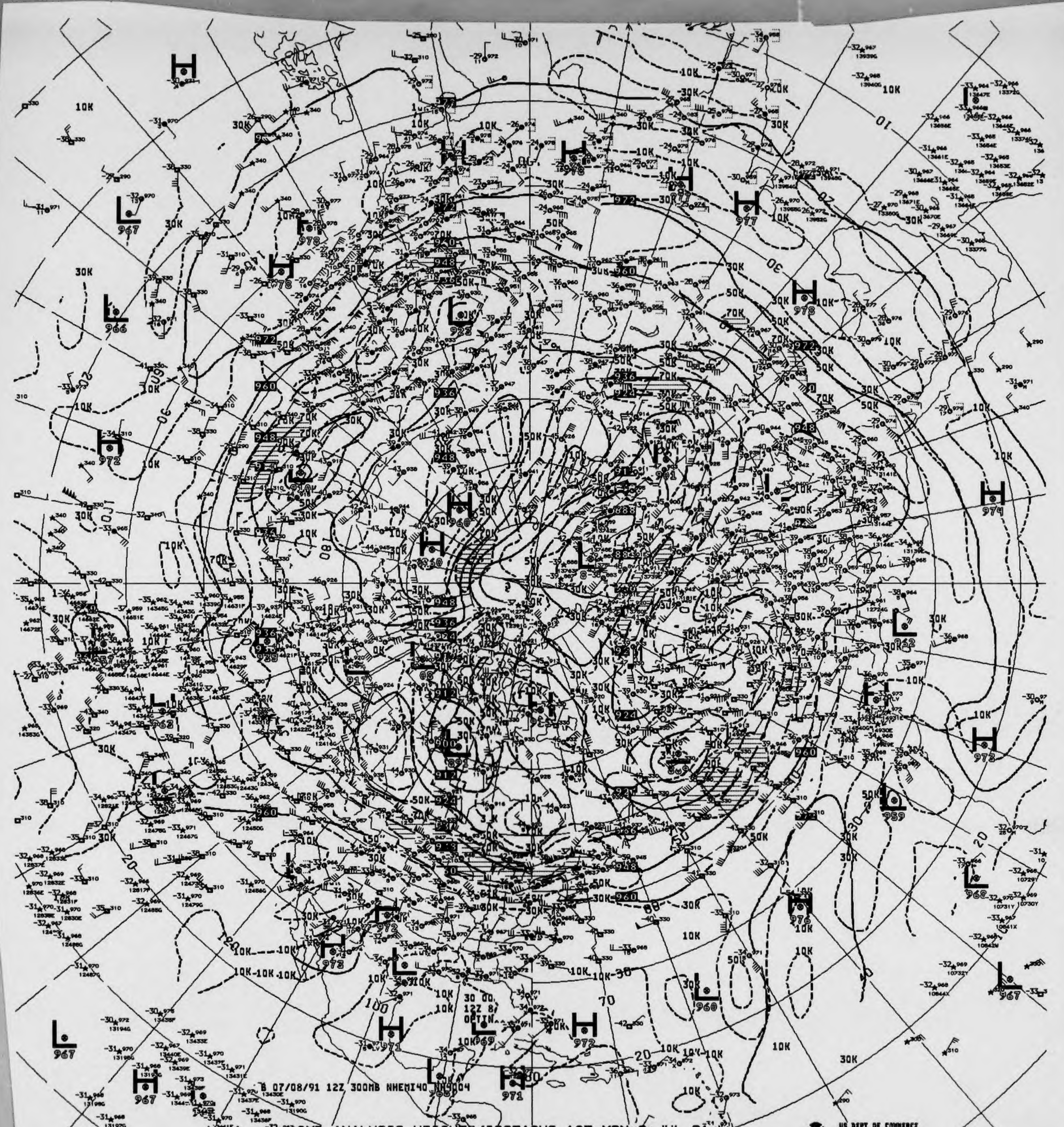
00Z 8
OPTIN
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 8 JUL 91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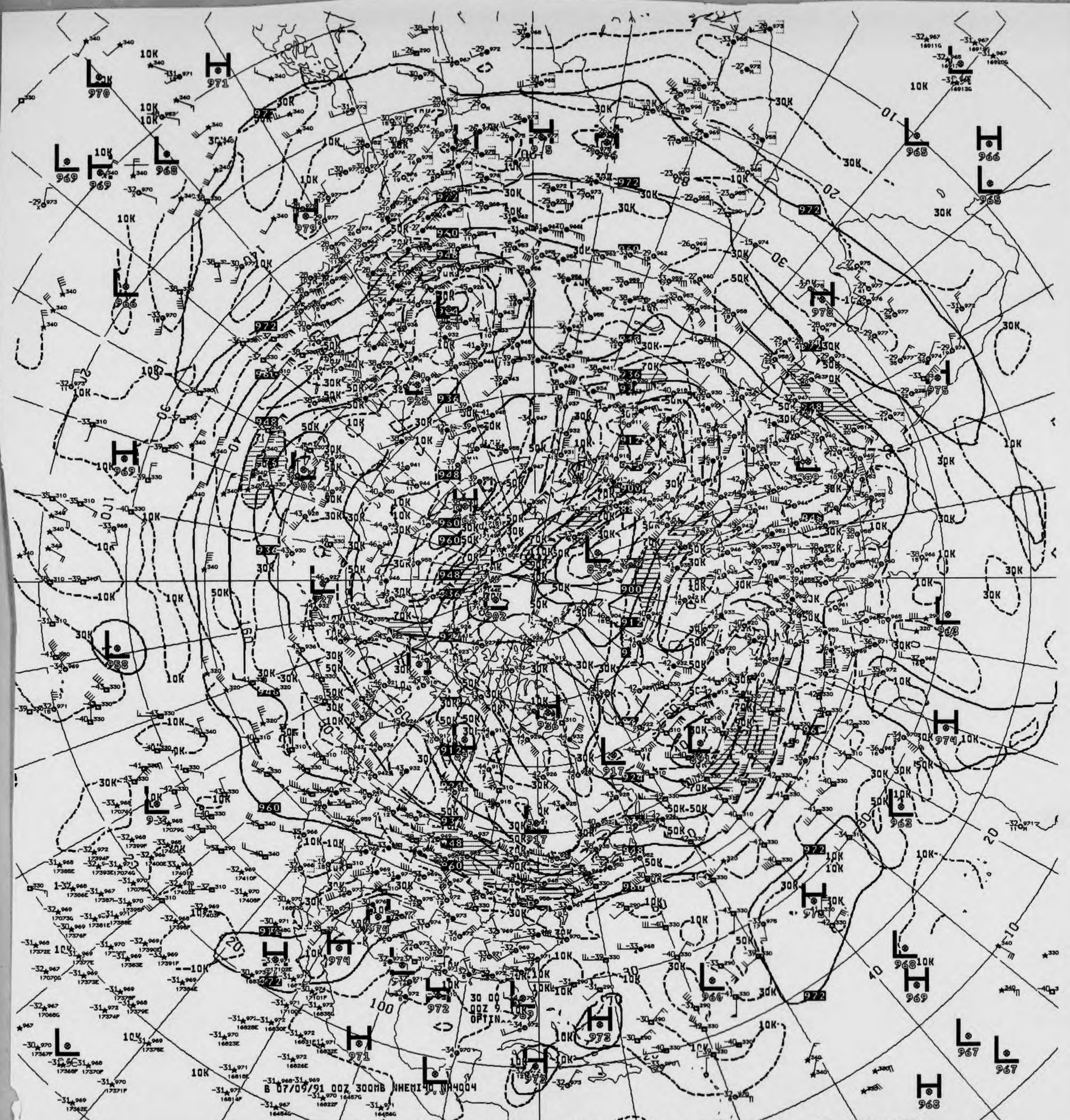
V874 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 8 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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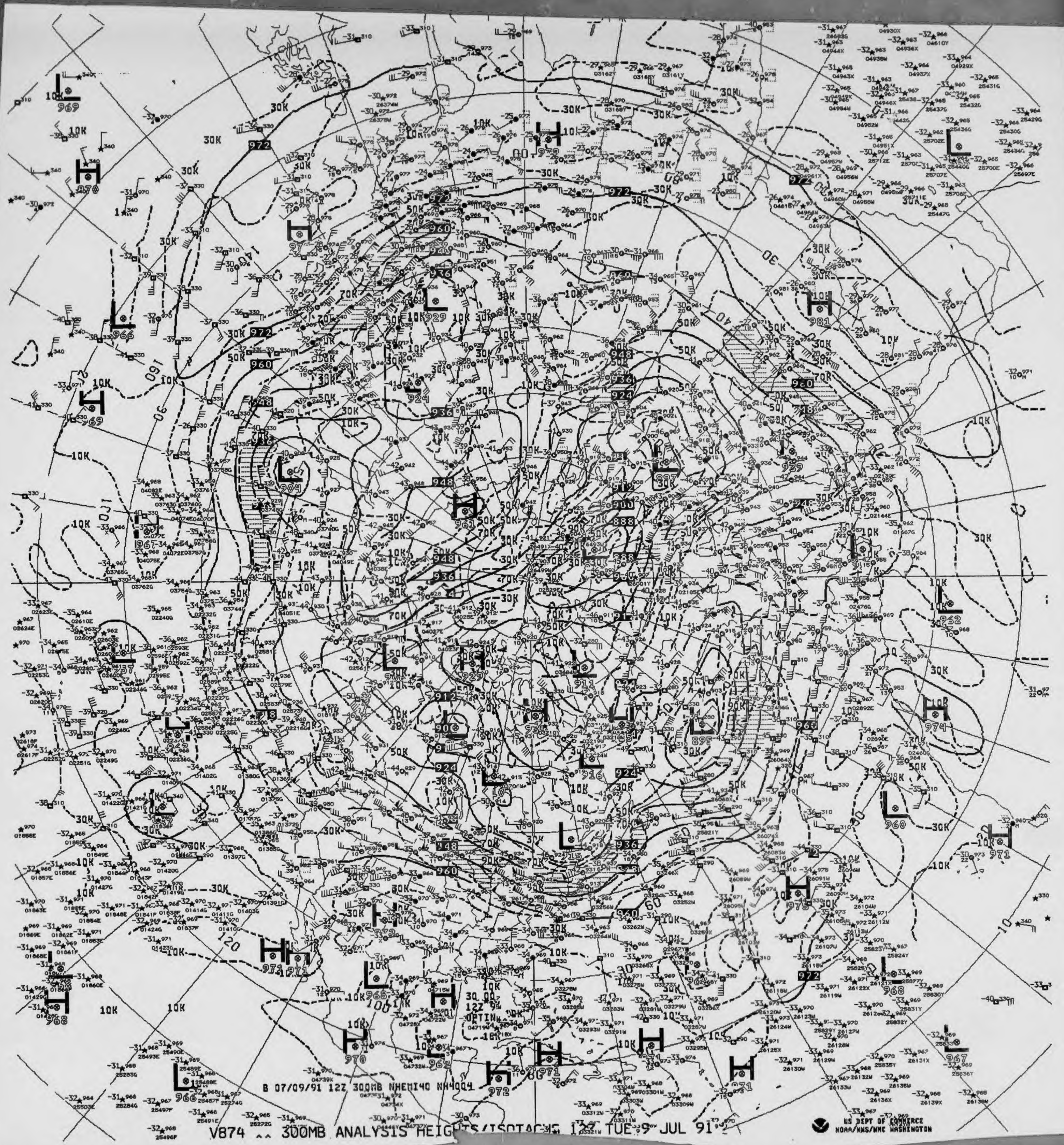
30 00
00Z 9
OPTIN
100

V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 9 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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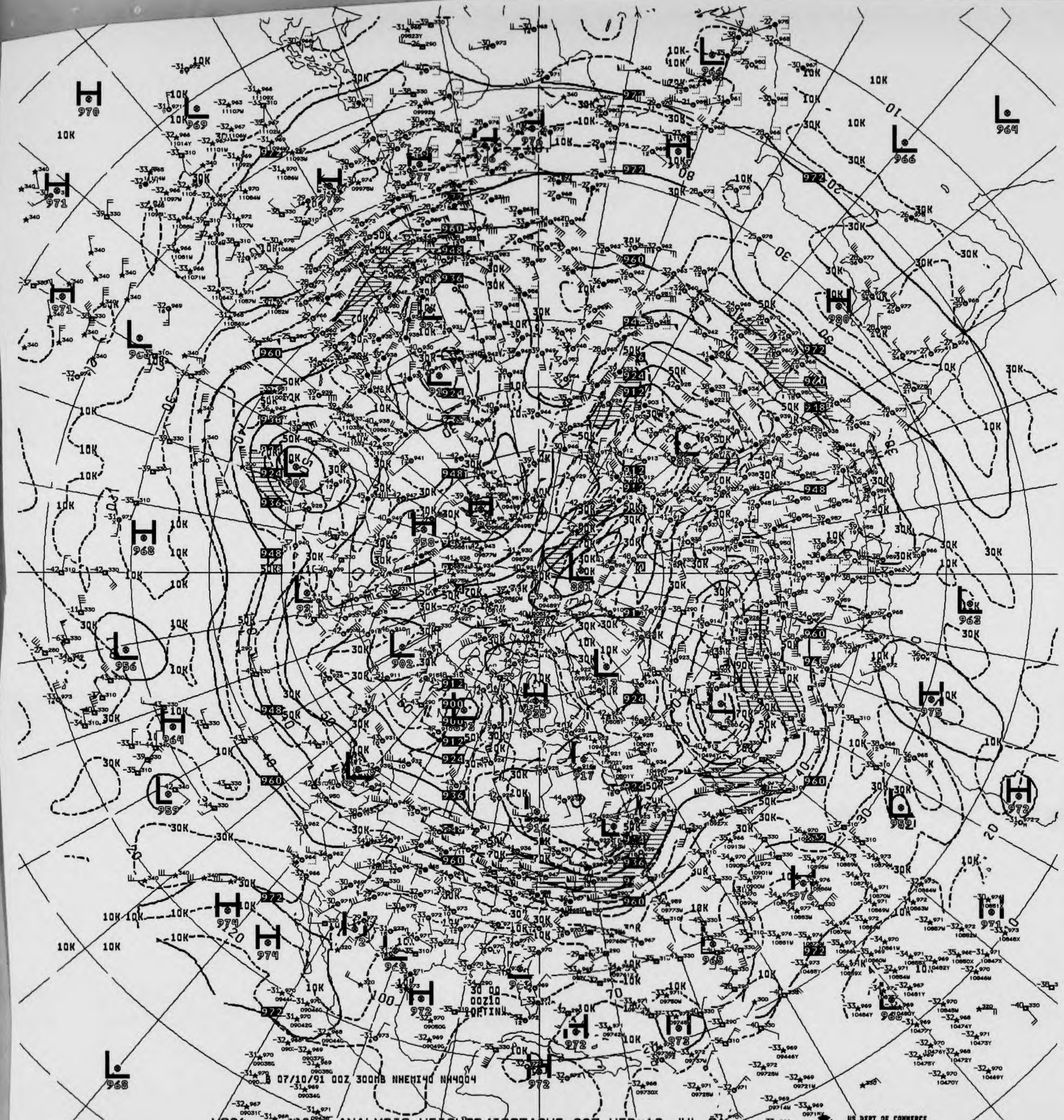
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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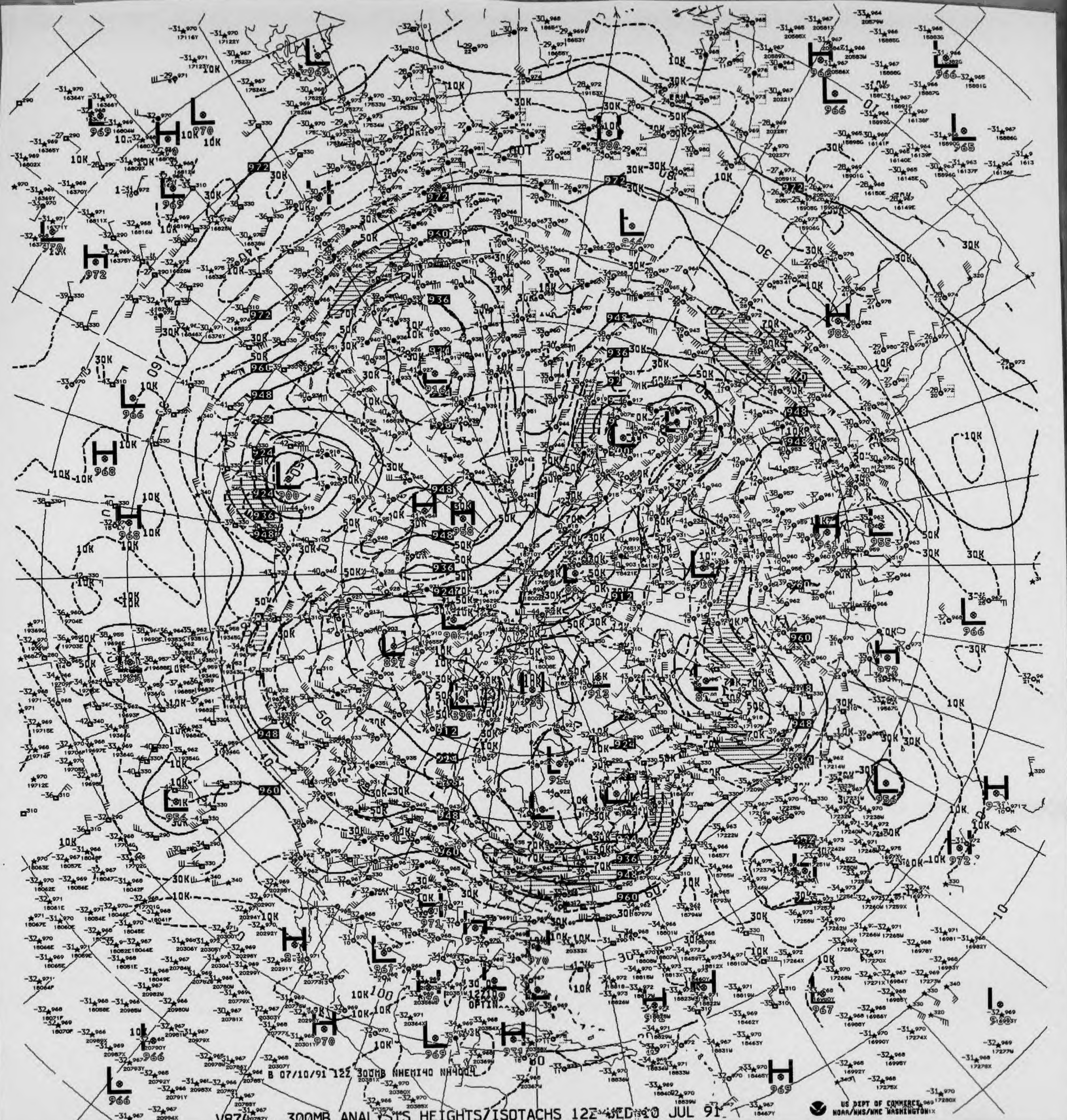
V824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 10 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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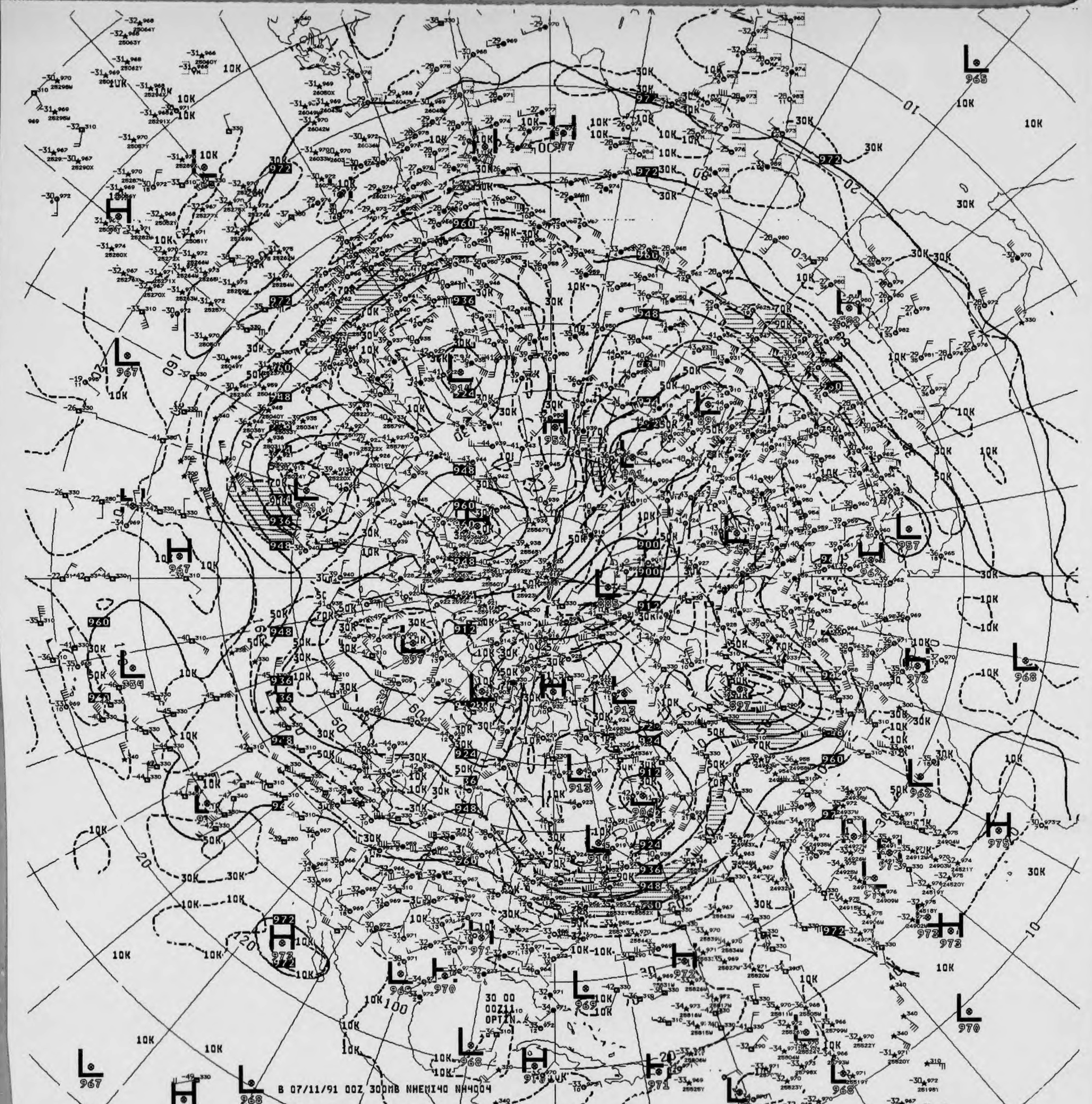
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V874 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 10 JUL 91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00Z11
OPTIN
10K
30K
50K
70K
90K

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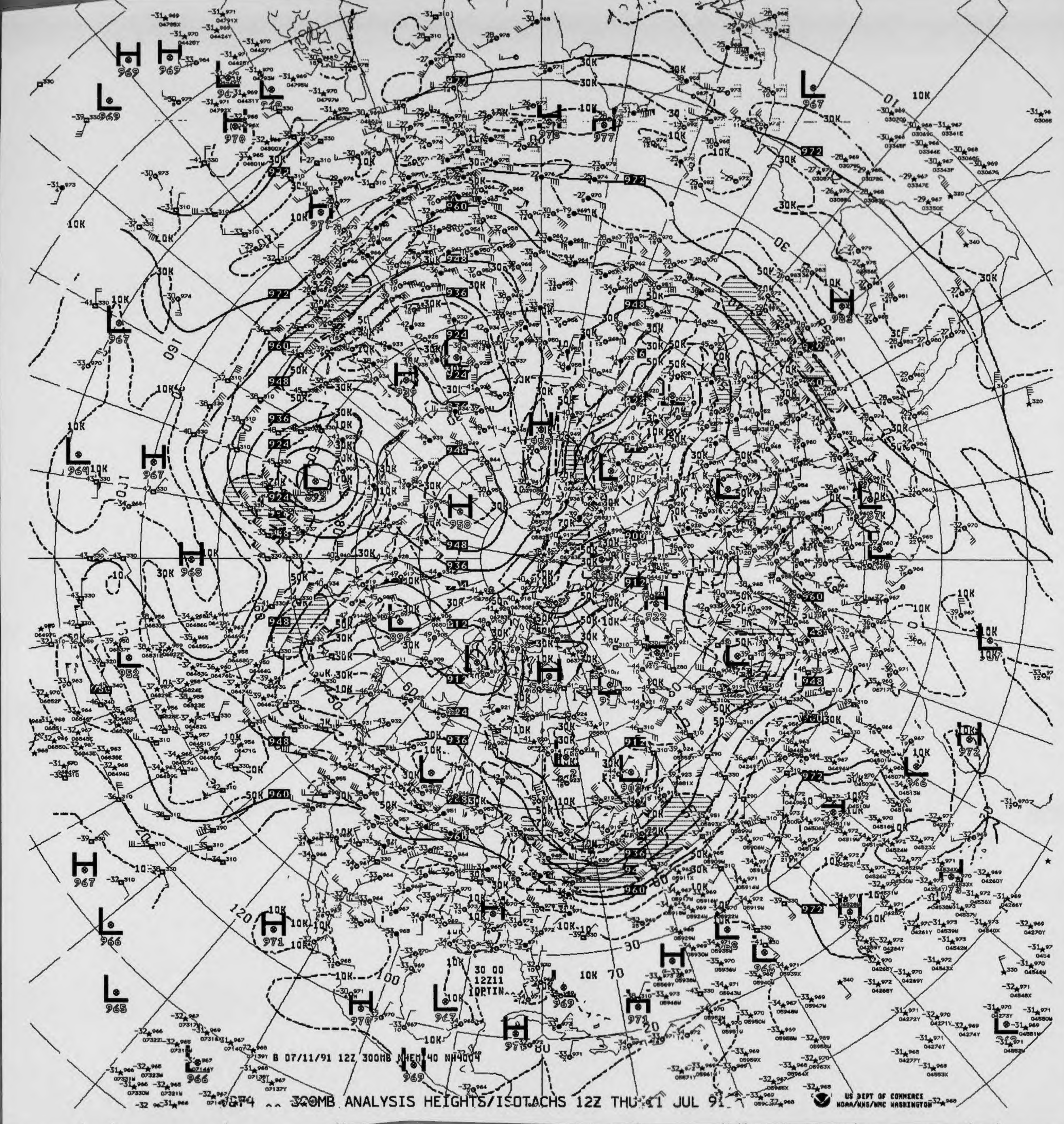
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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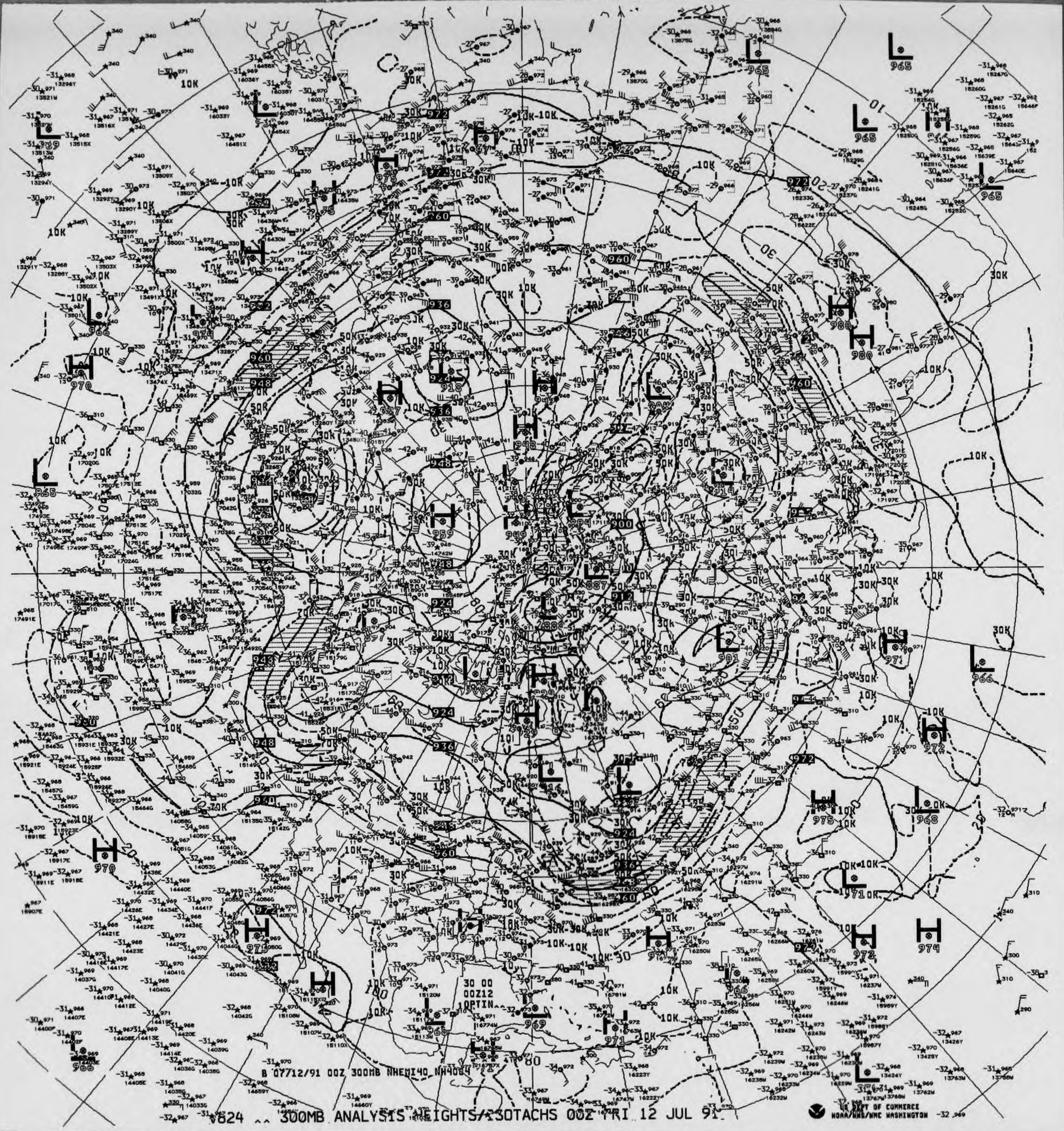

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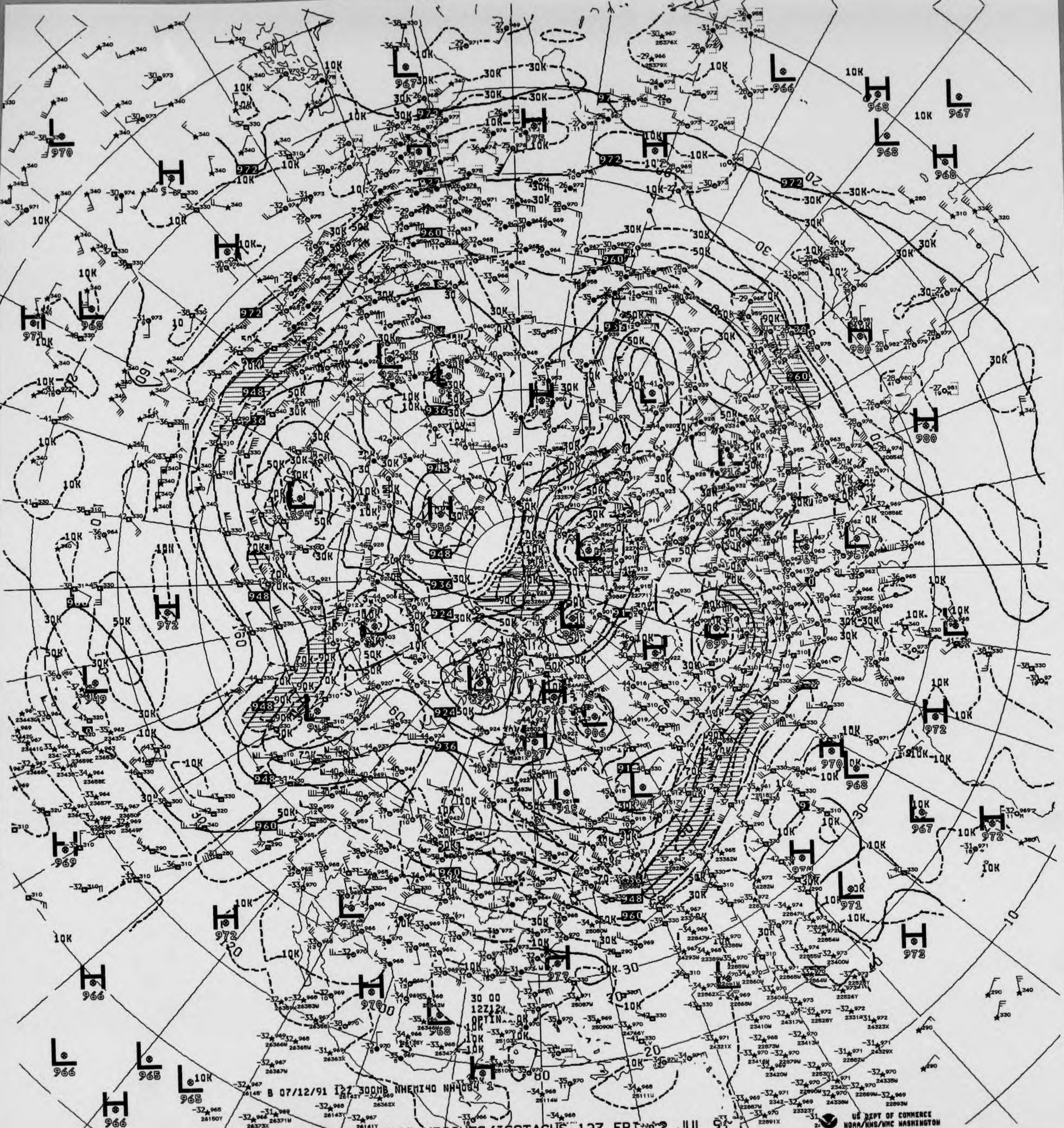
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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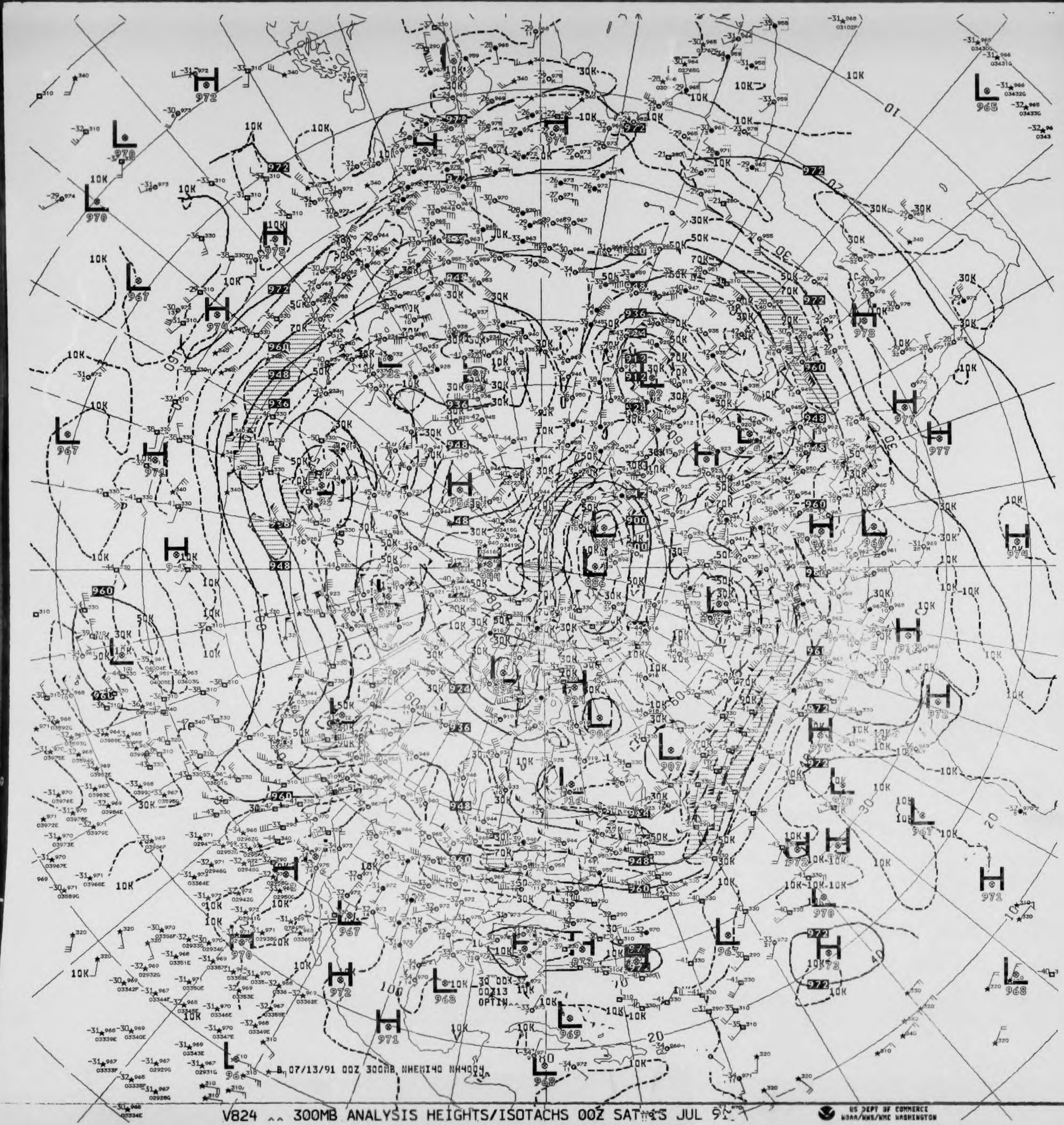
V67 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 12 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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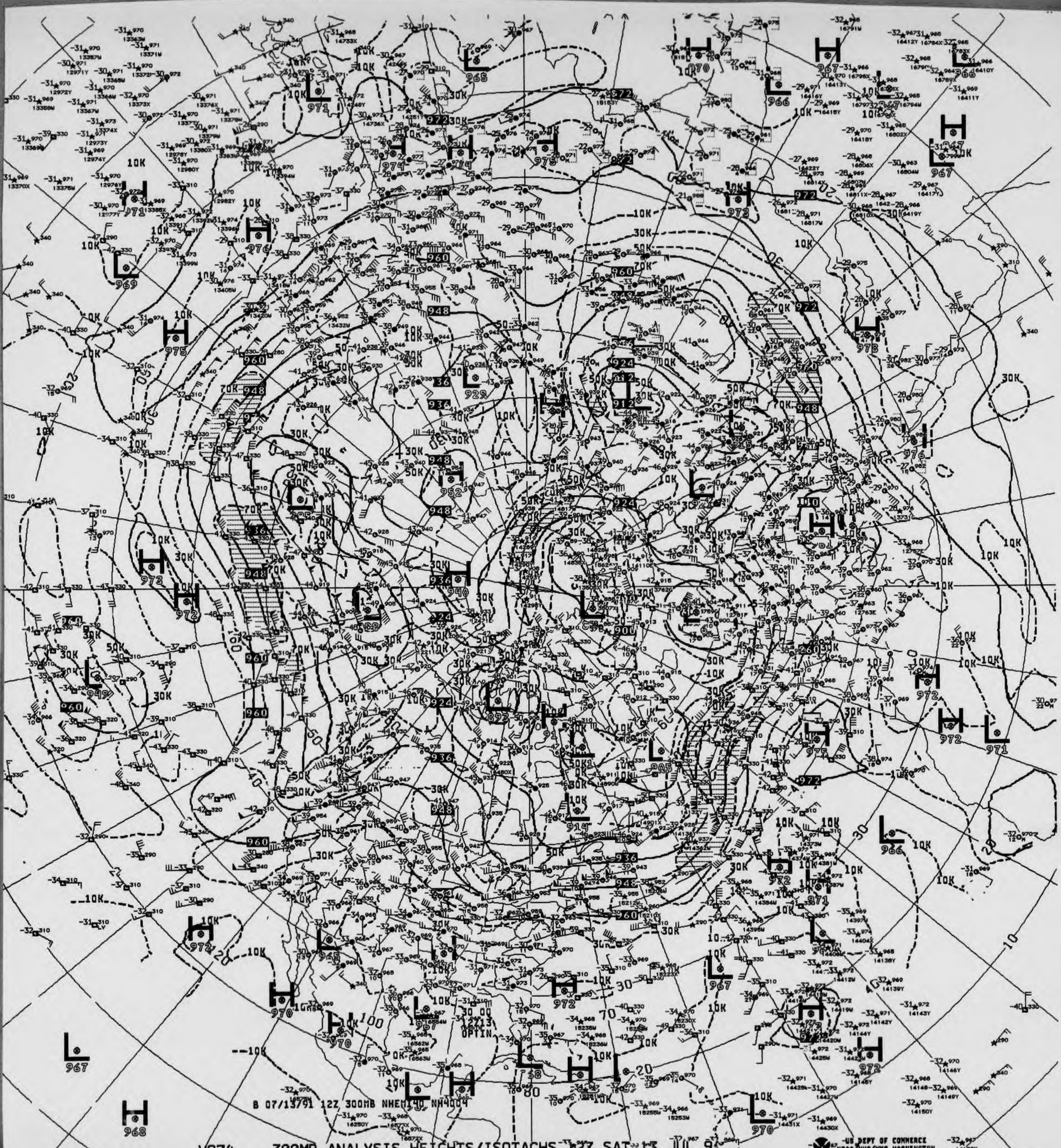
V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 13 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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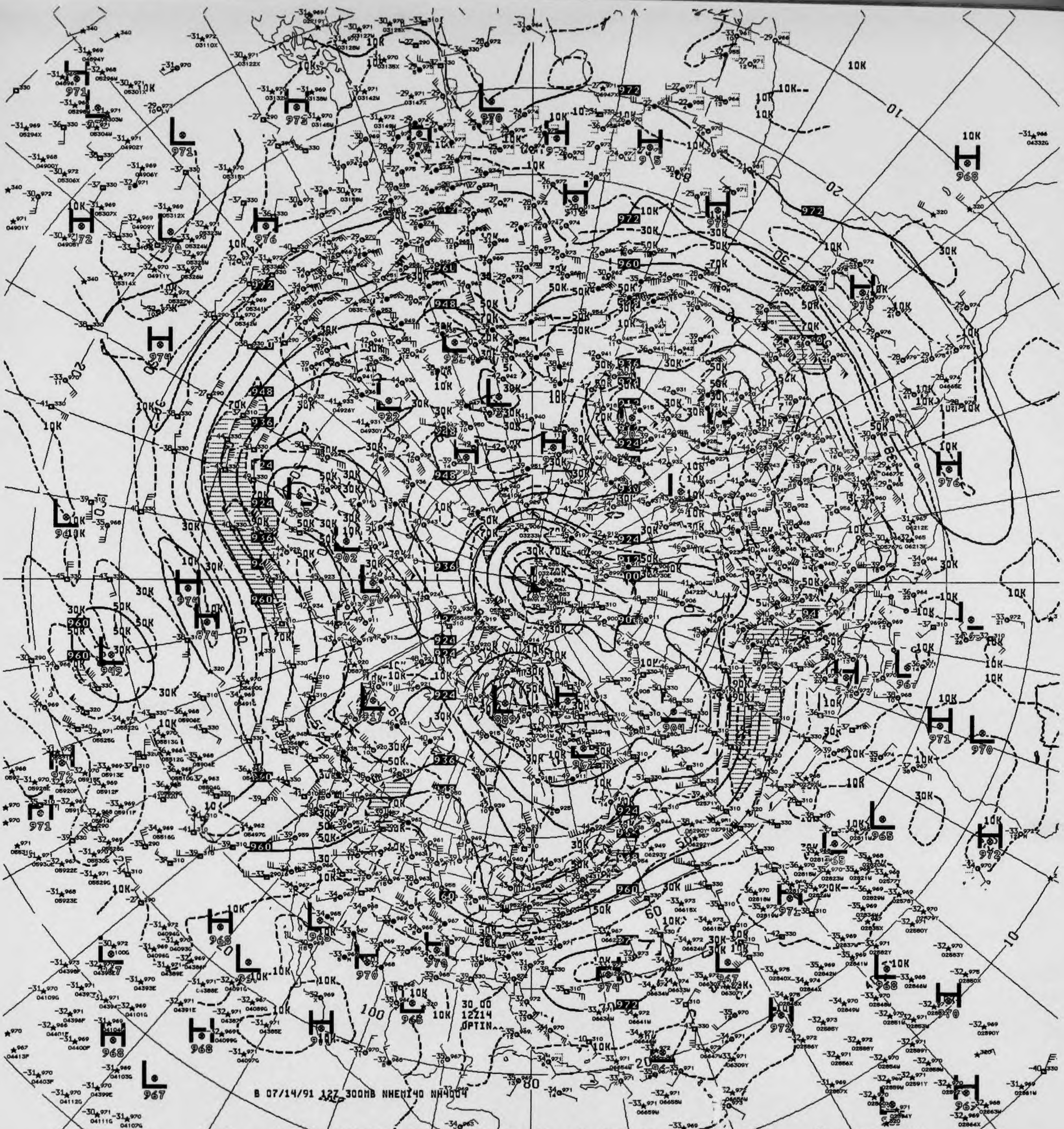
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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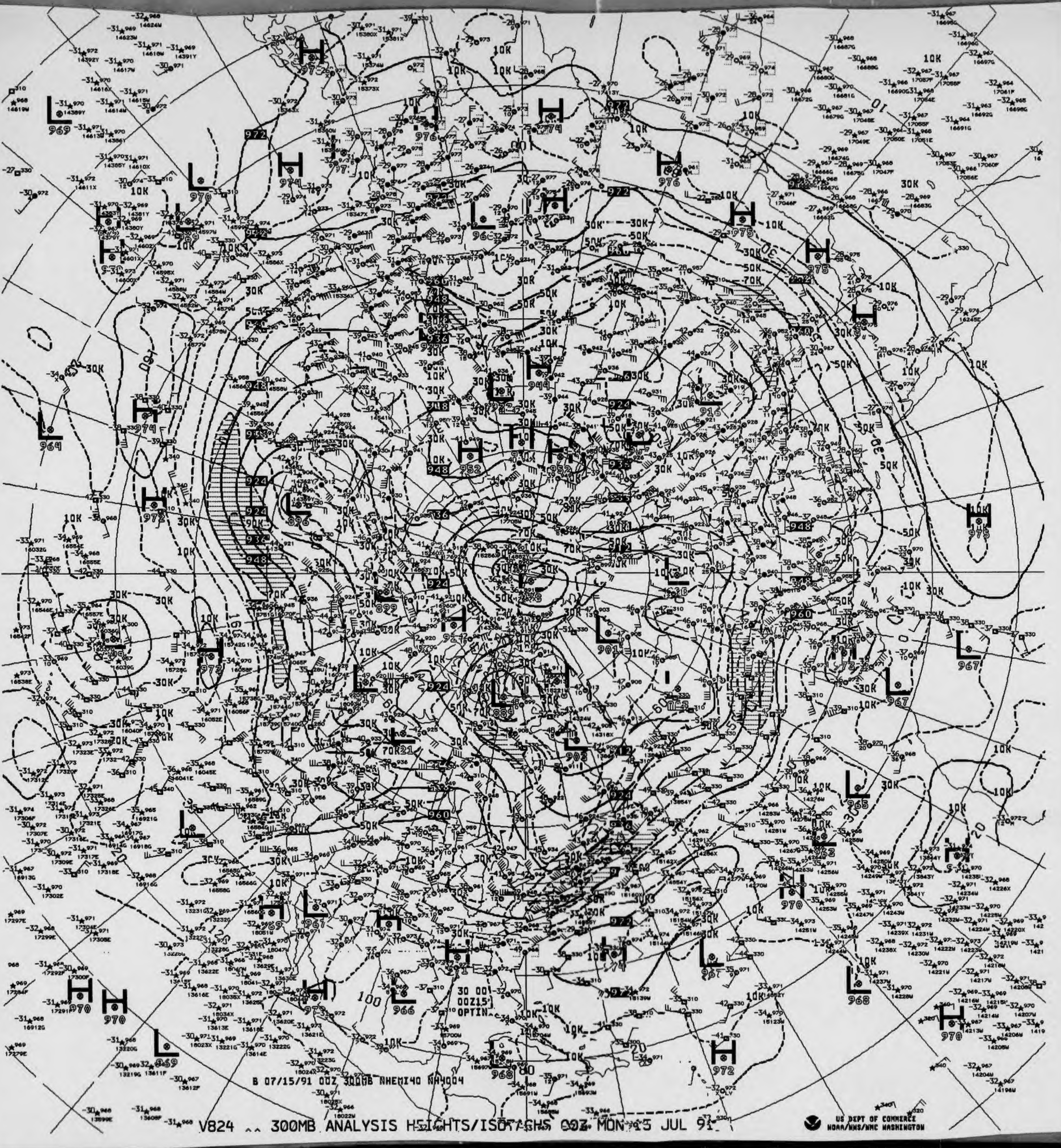
V874 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 14 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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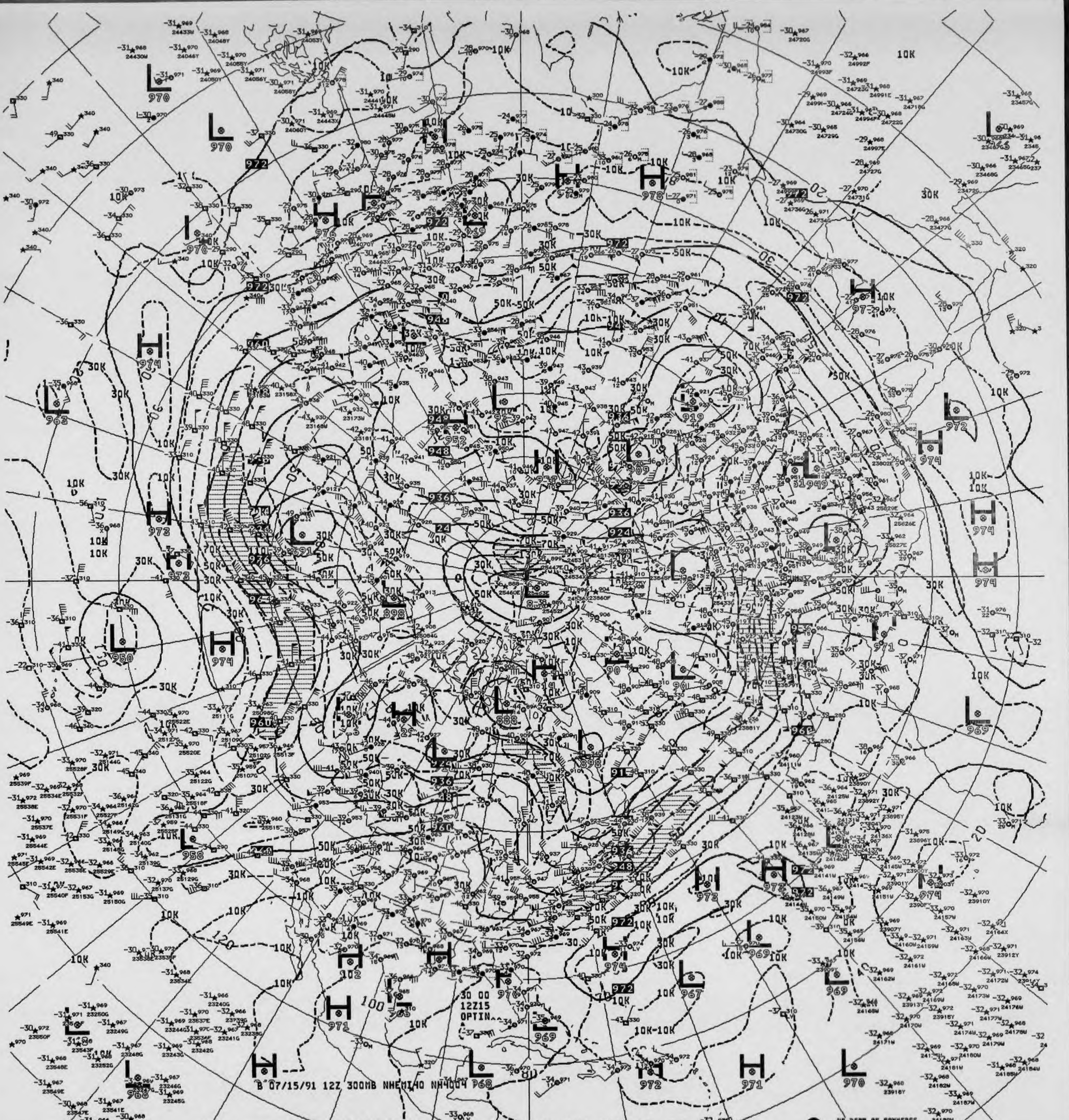
V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 15 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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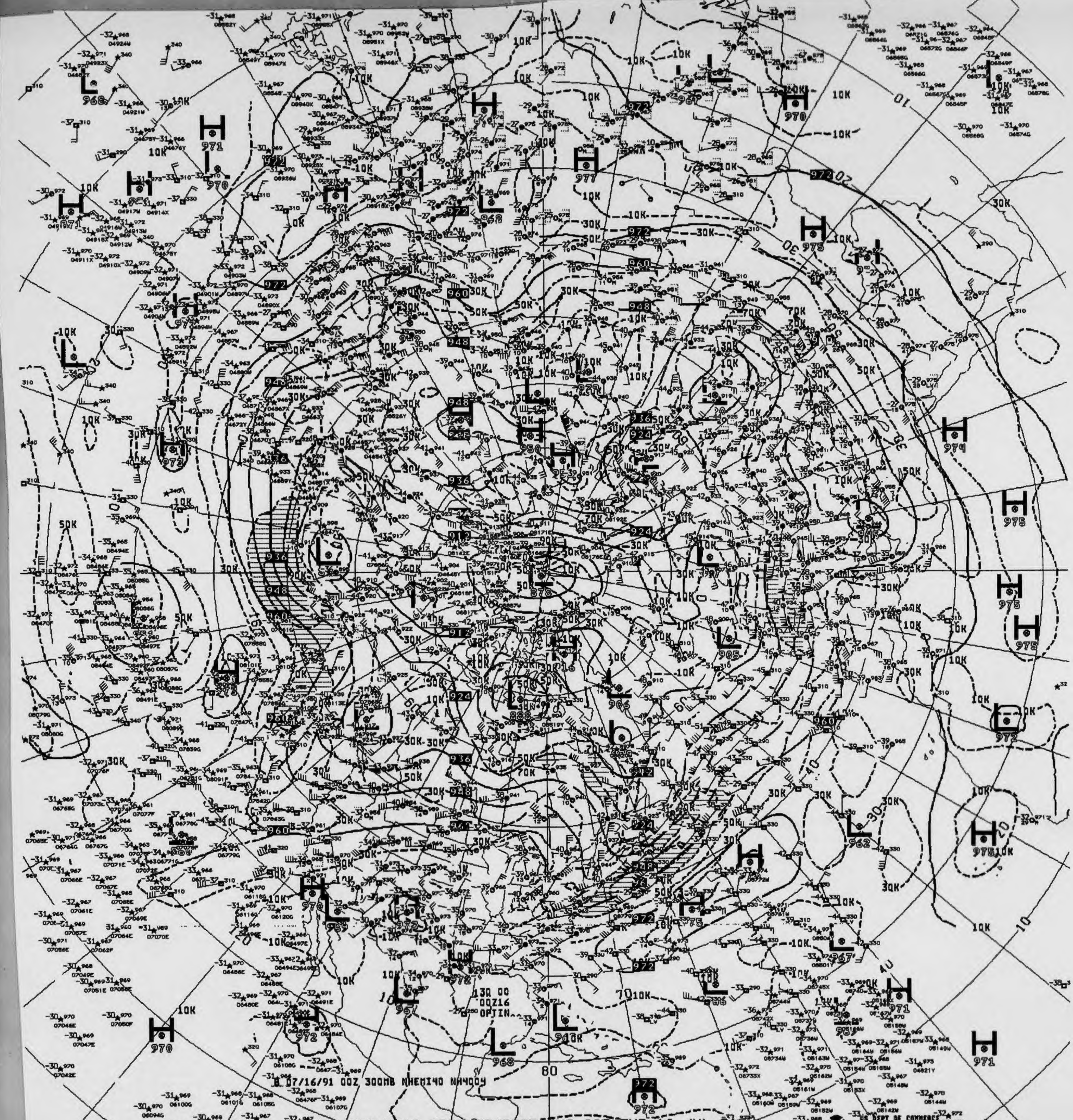
12Z15
OPTIN
H
L
10K
30K
50K
70K

V874 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 15 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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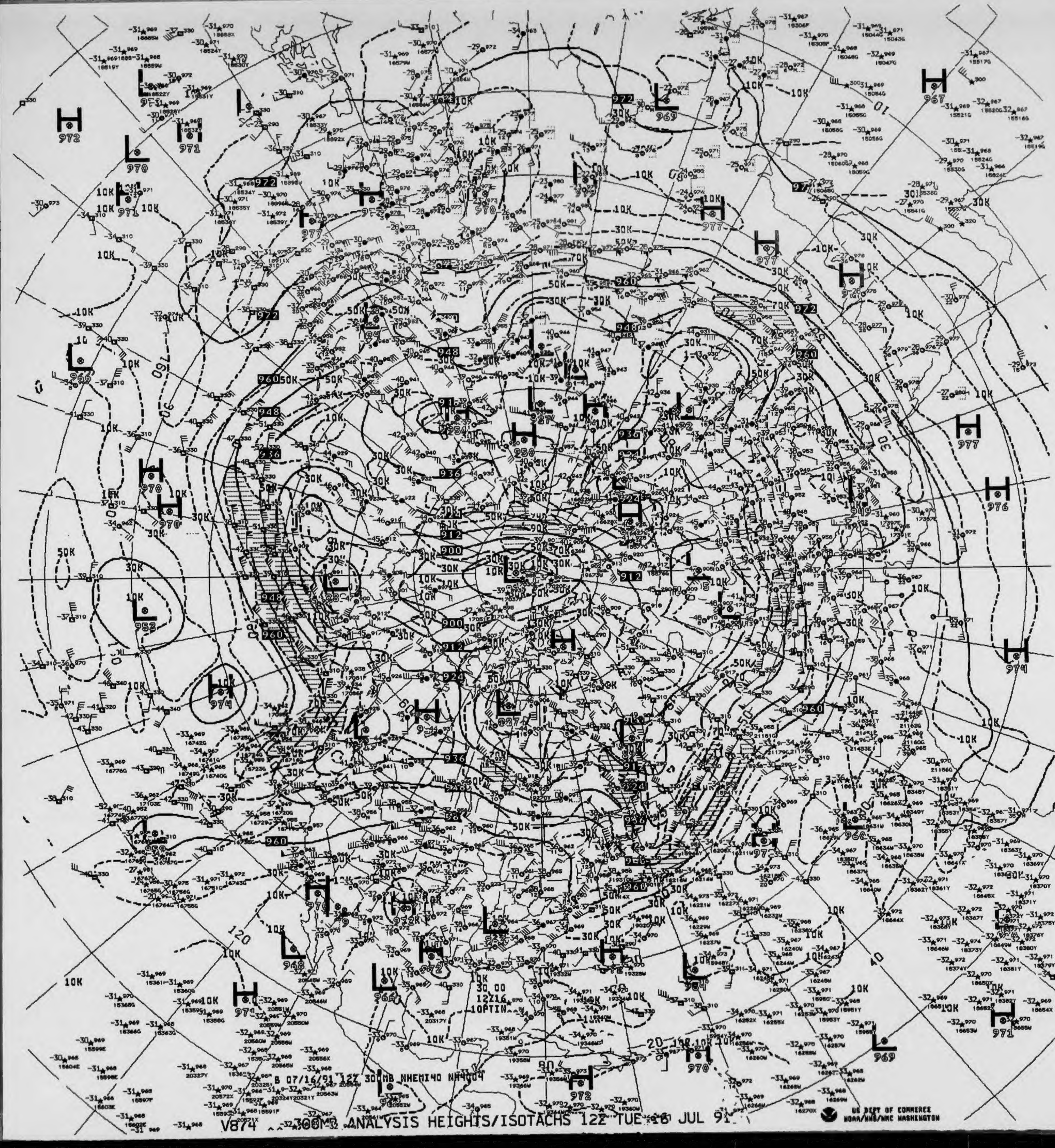
13A 00
00Z16
OPTIN
80
10K
30K
50K
70K

/824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 16 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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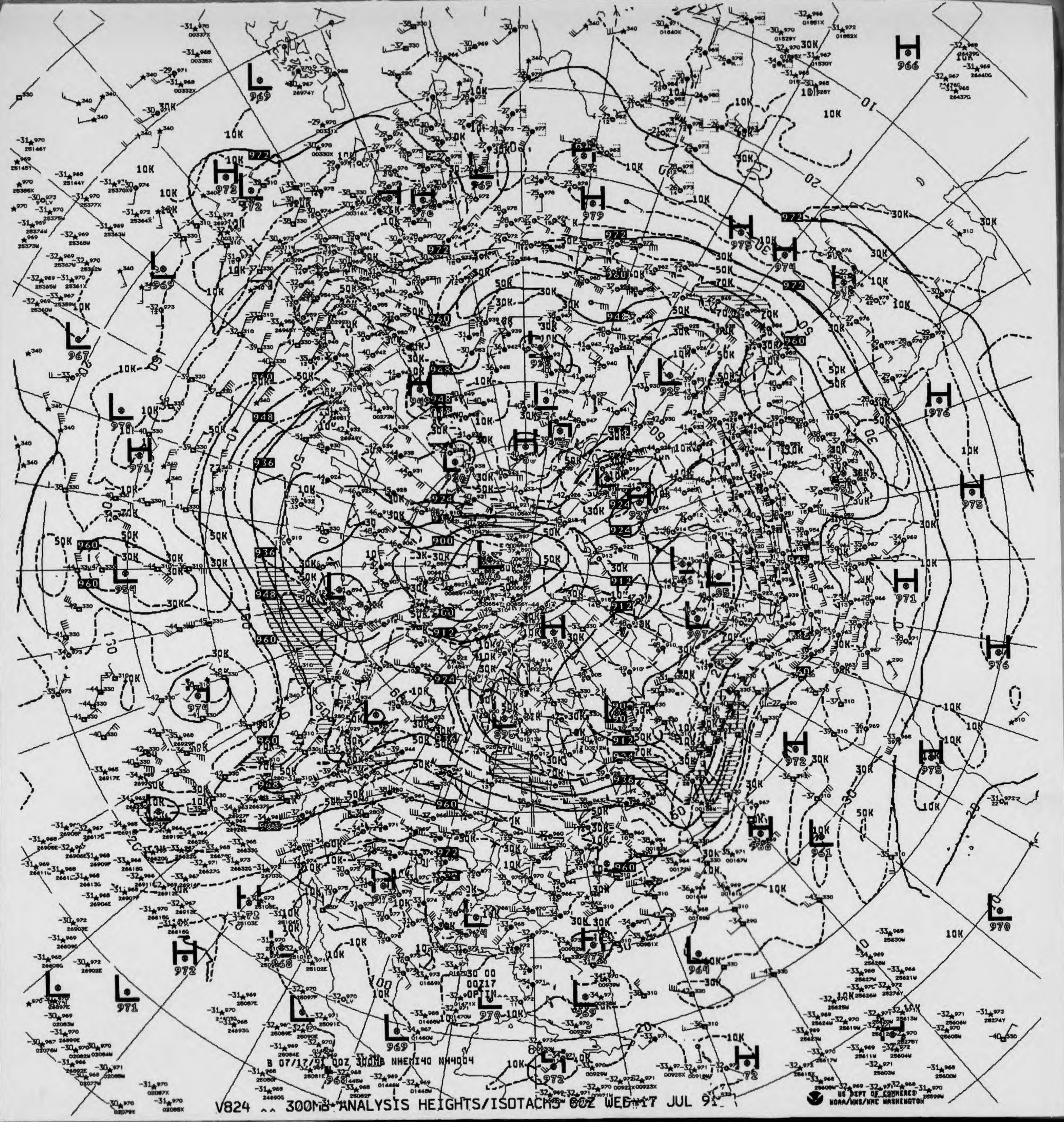
V874 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 16 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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00Z17
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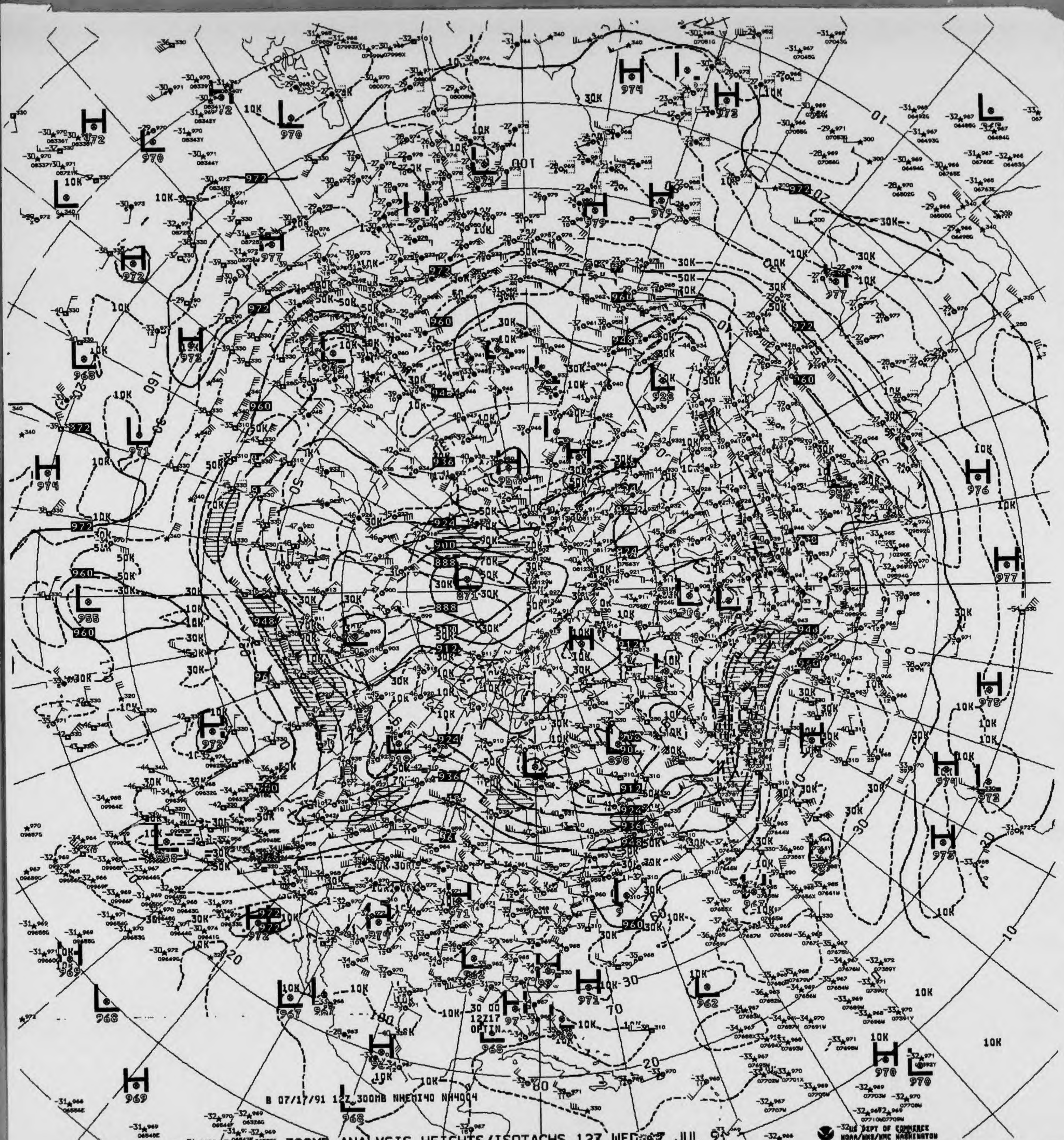
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 17 JUL 91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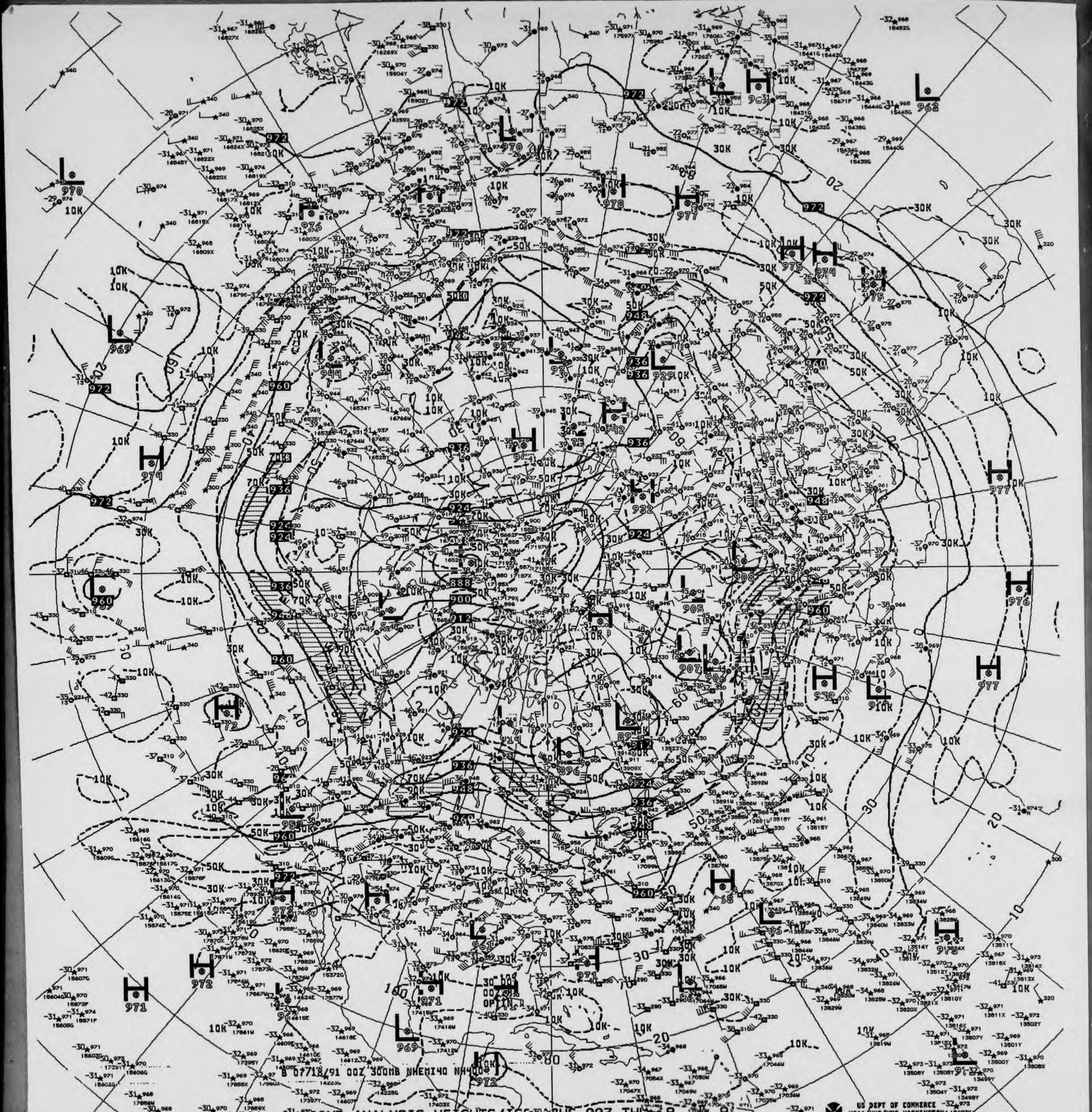
V874 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 17 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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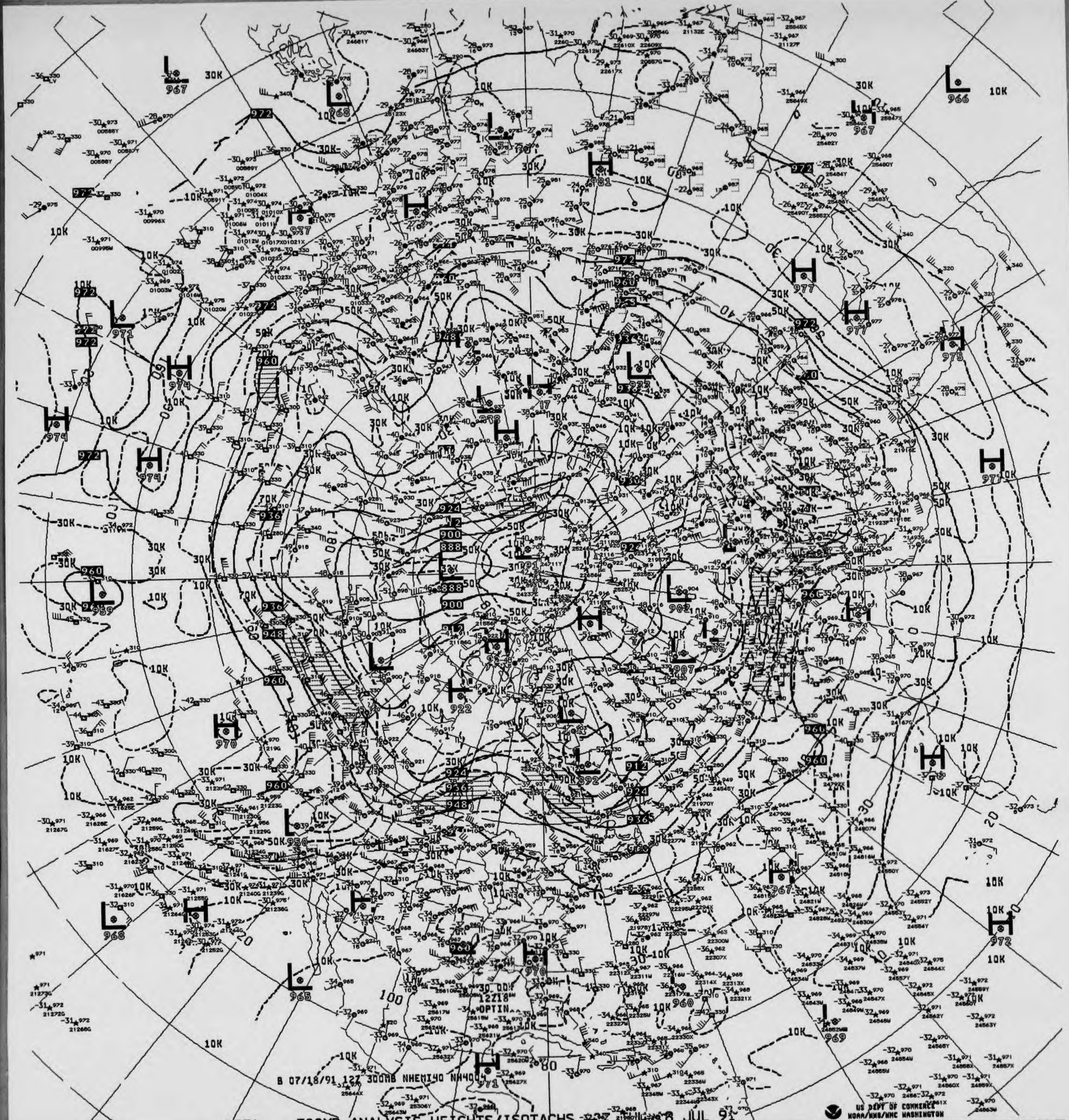
V824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 18 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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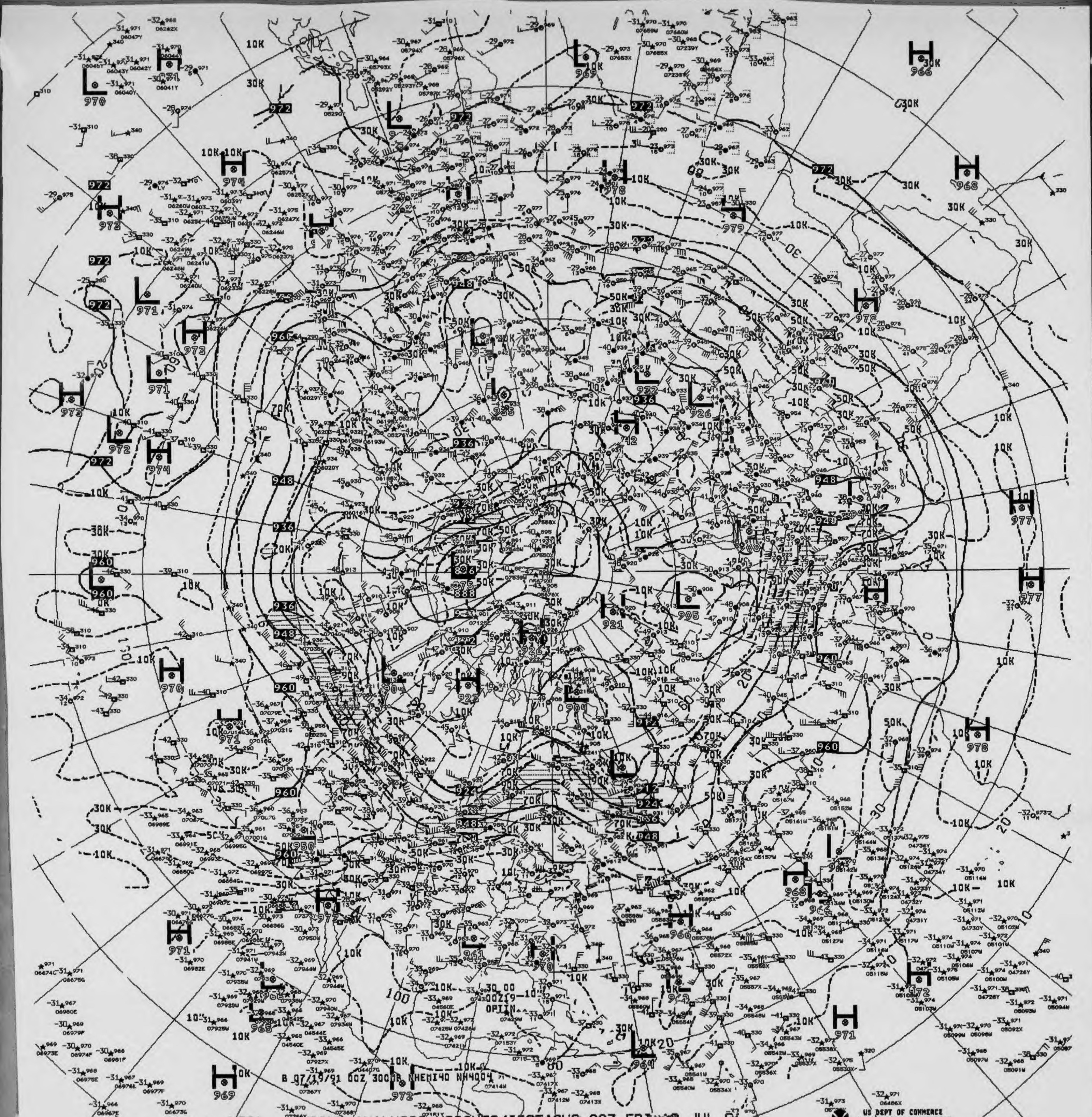
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V874 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 18 JUL 91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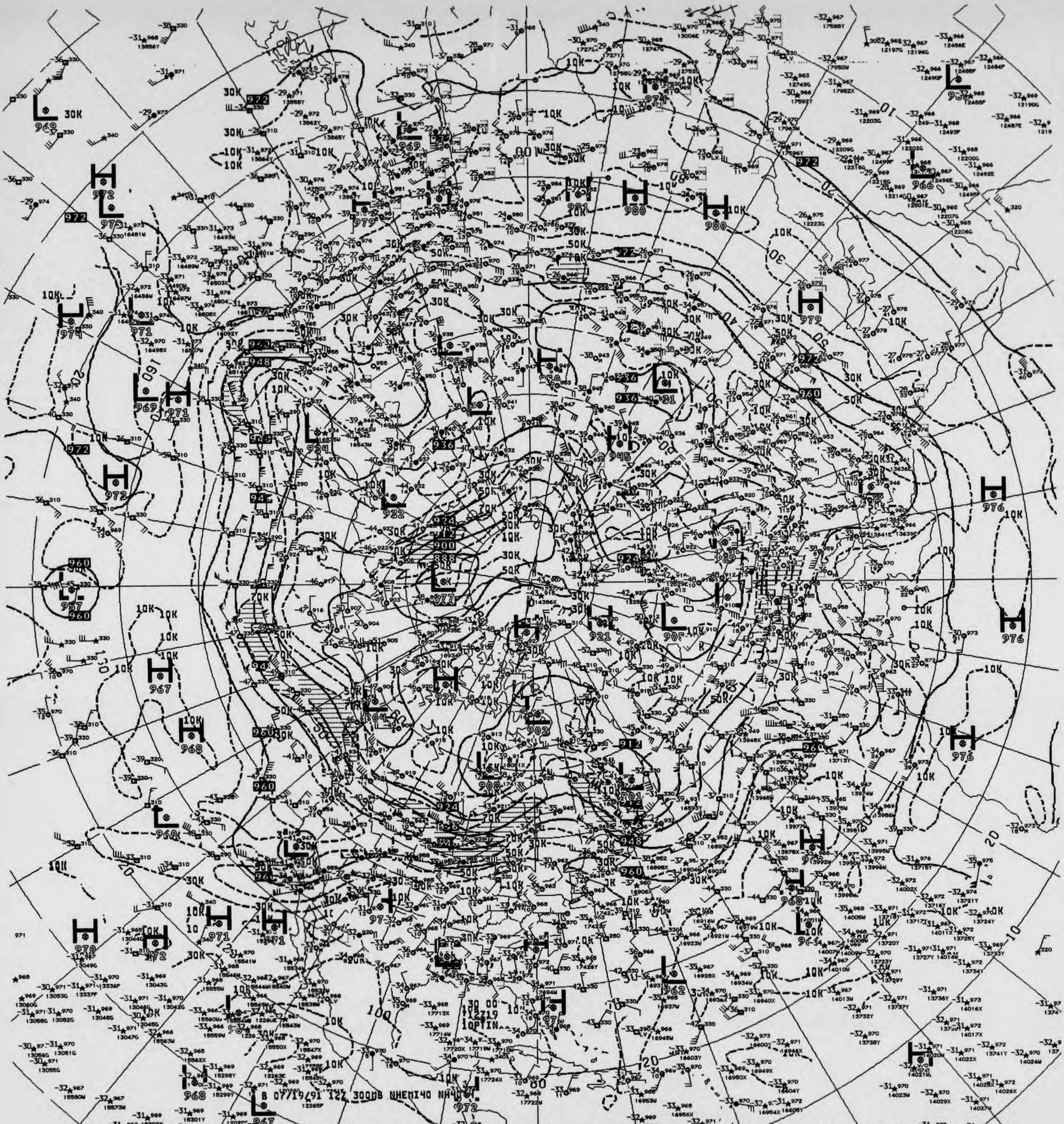
V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 19 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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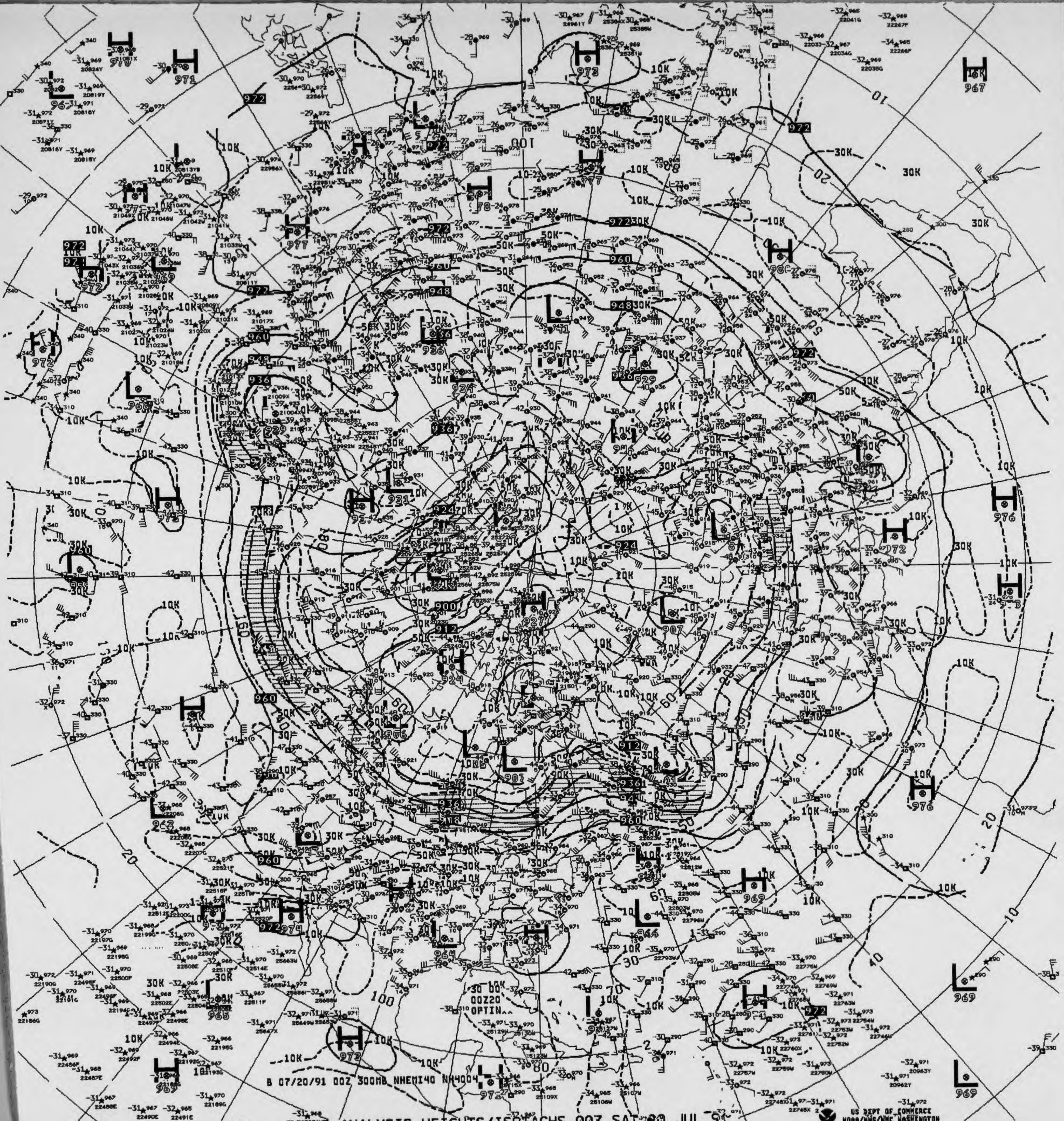
V874 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 19 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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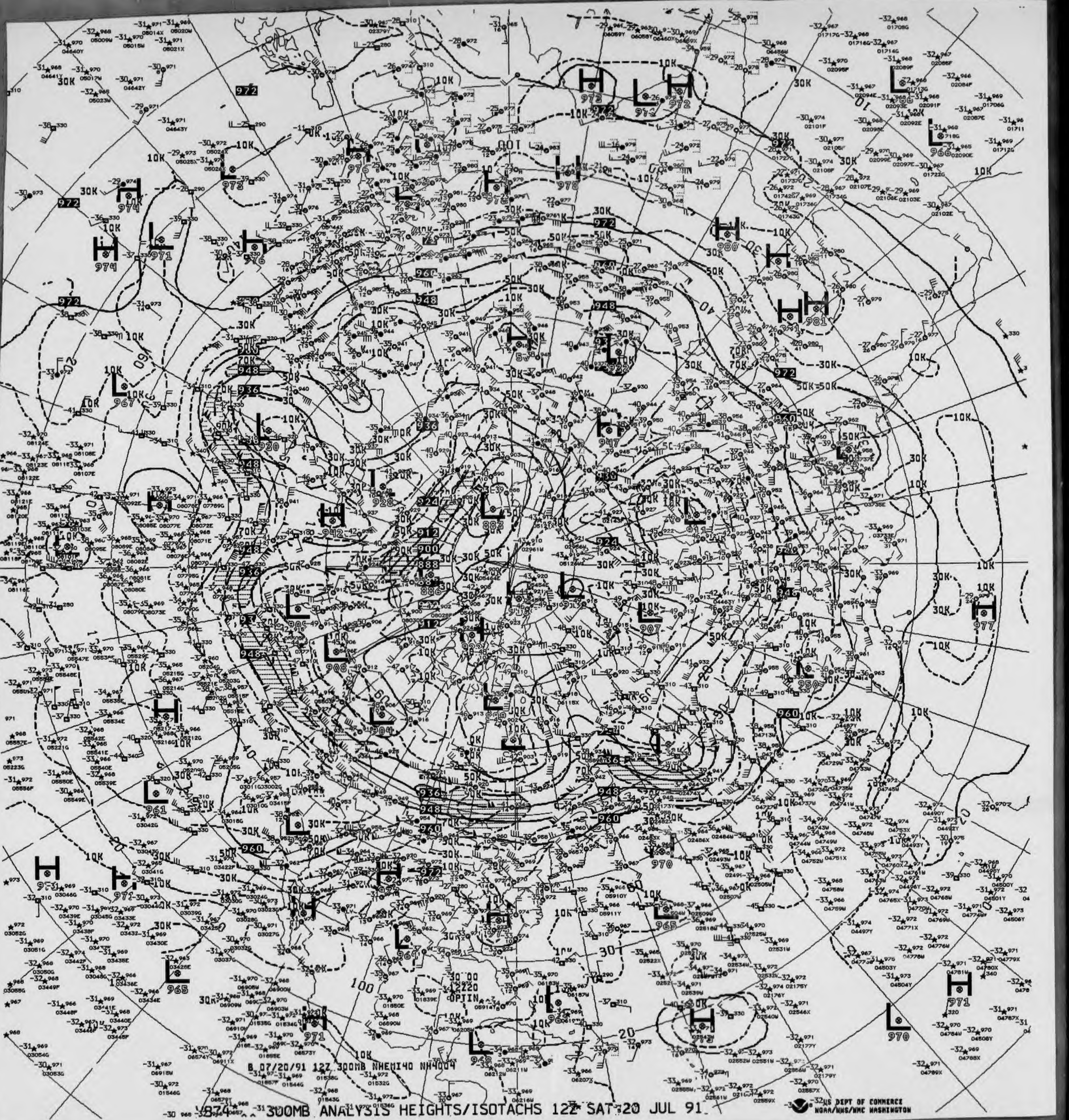
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 20 JUL 91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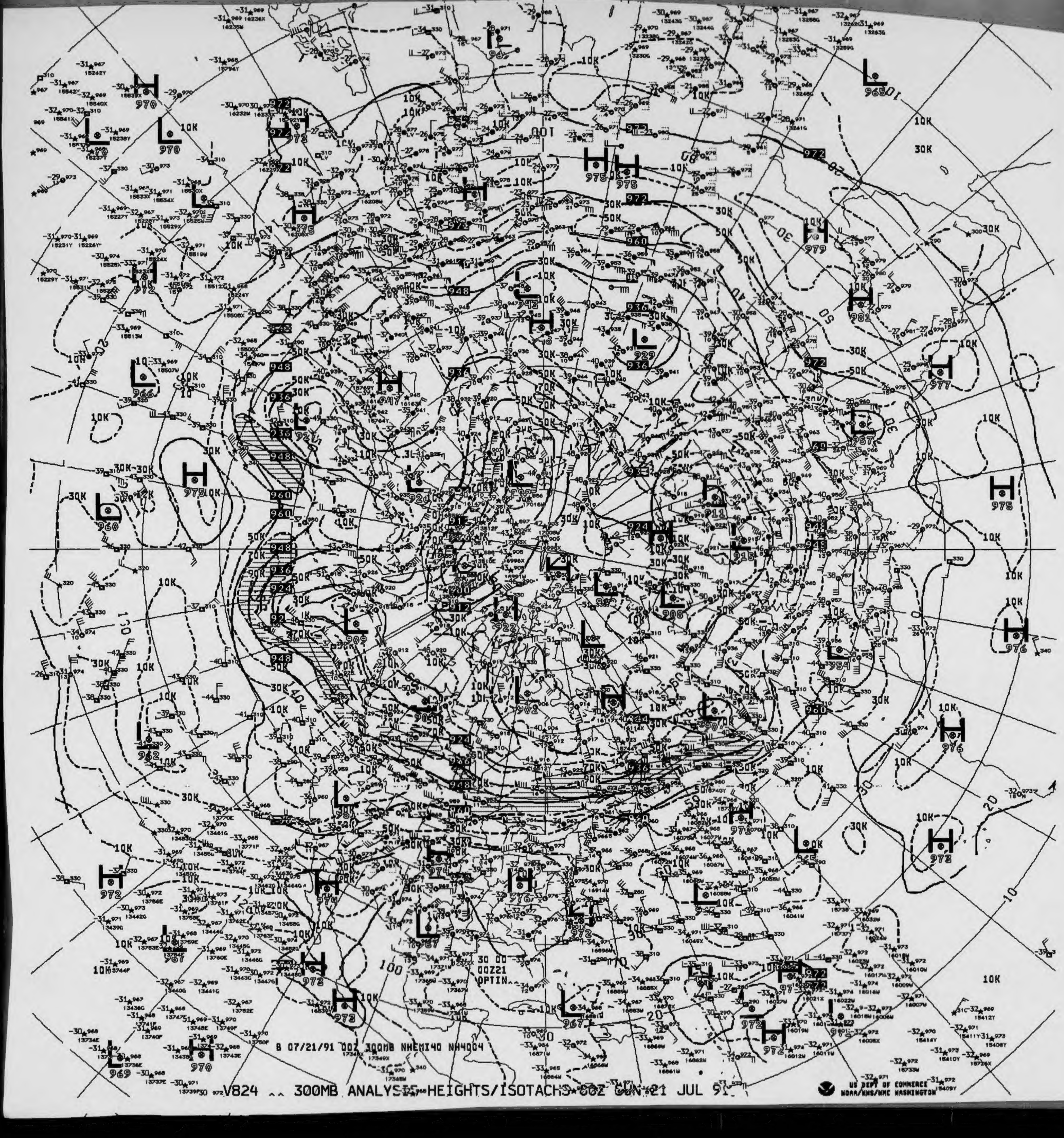
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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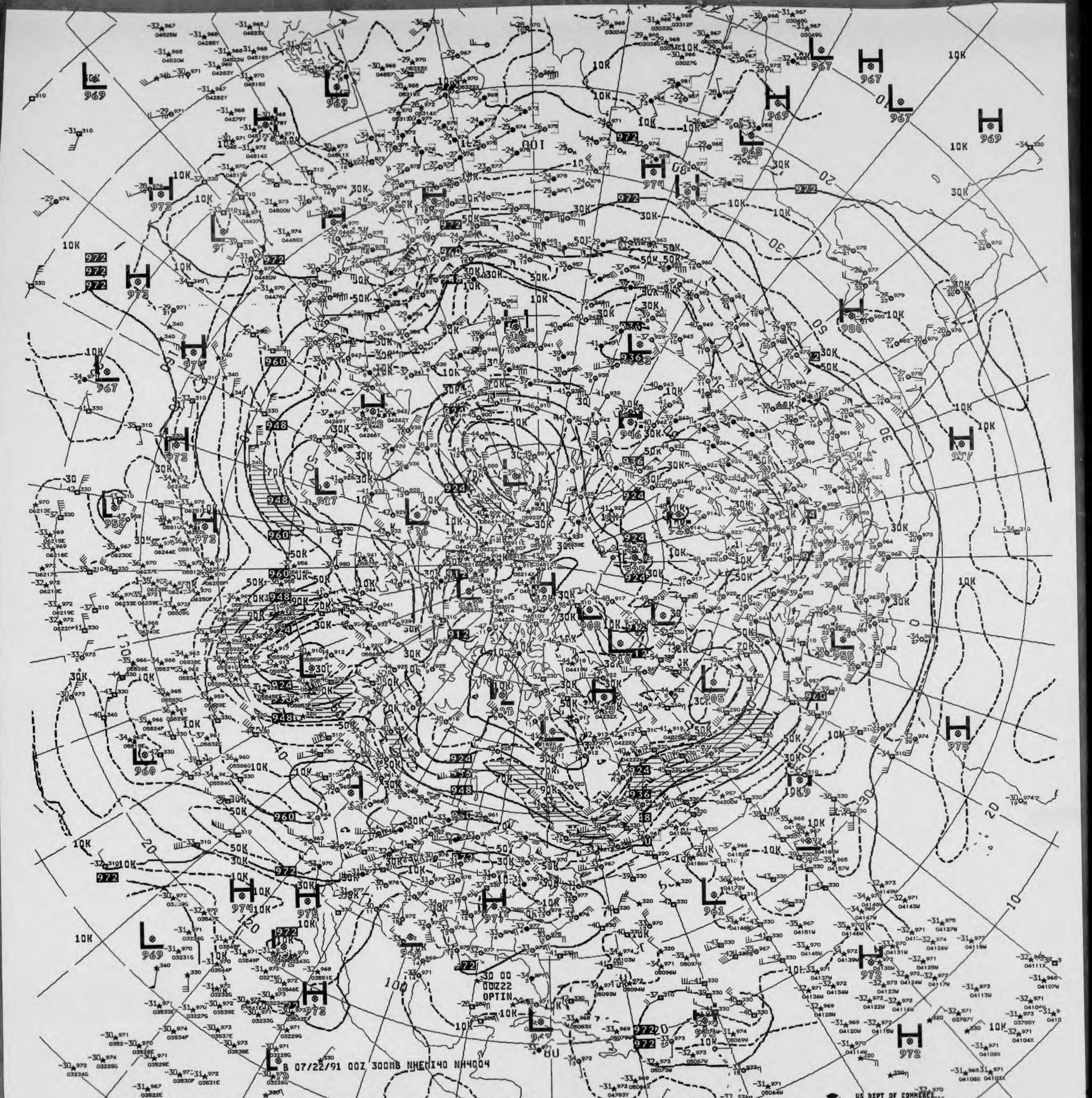
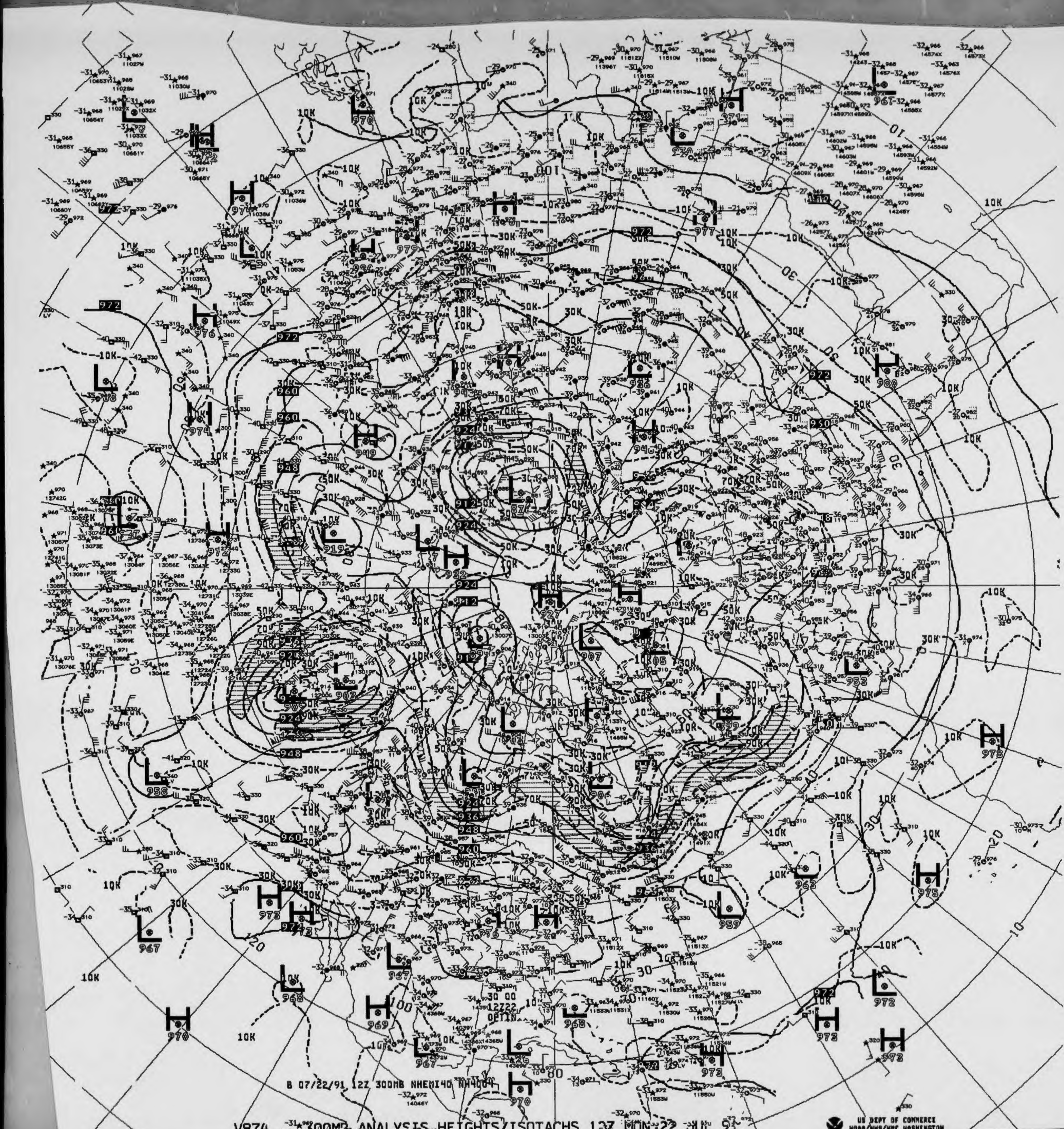
V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 21 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


00Z22
OPTIN
B 07/22/91 00Z 300MB NHEMI40 NH4004

V824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 22 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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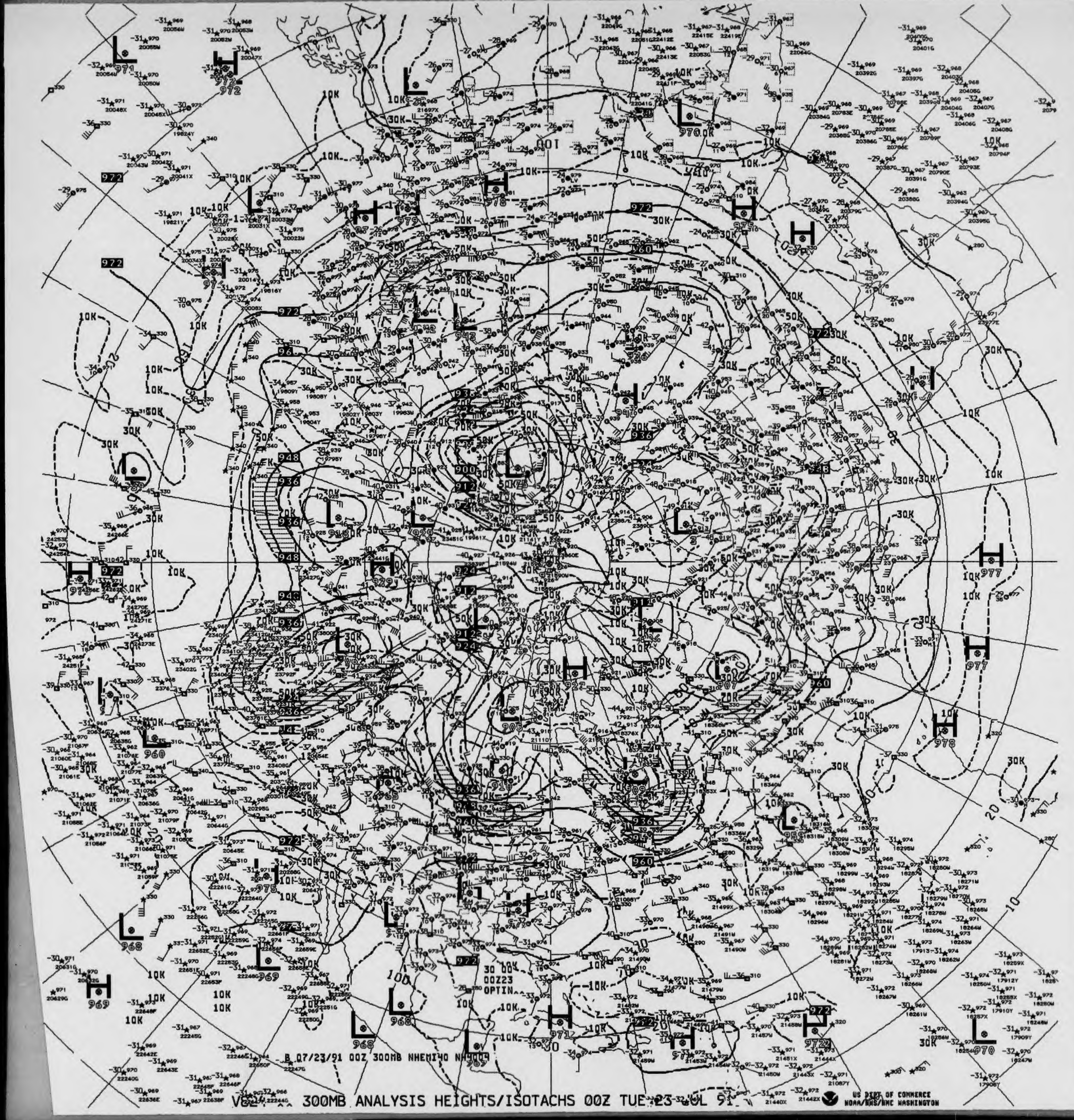
V874 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 22 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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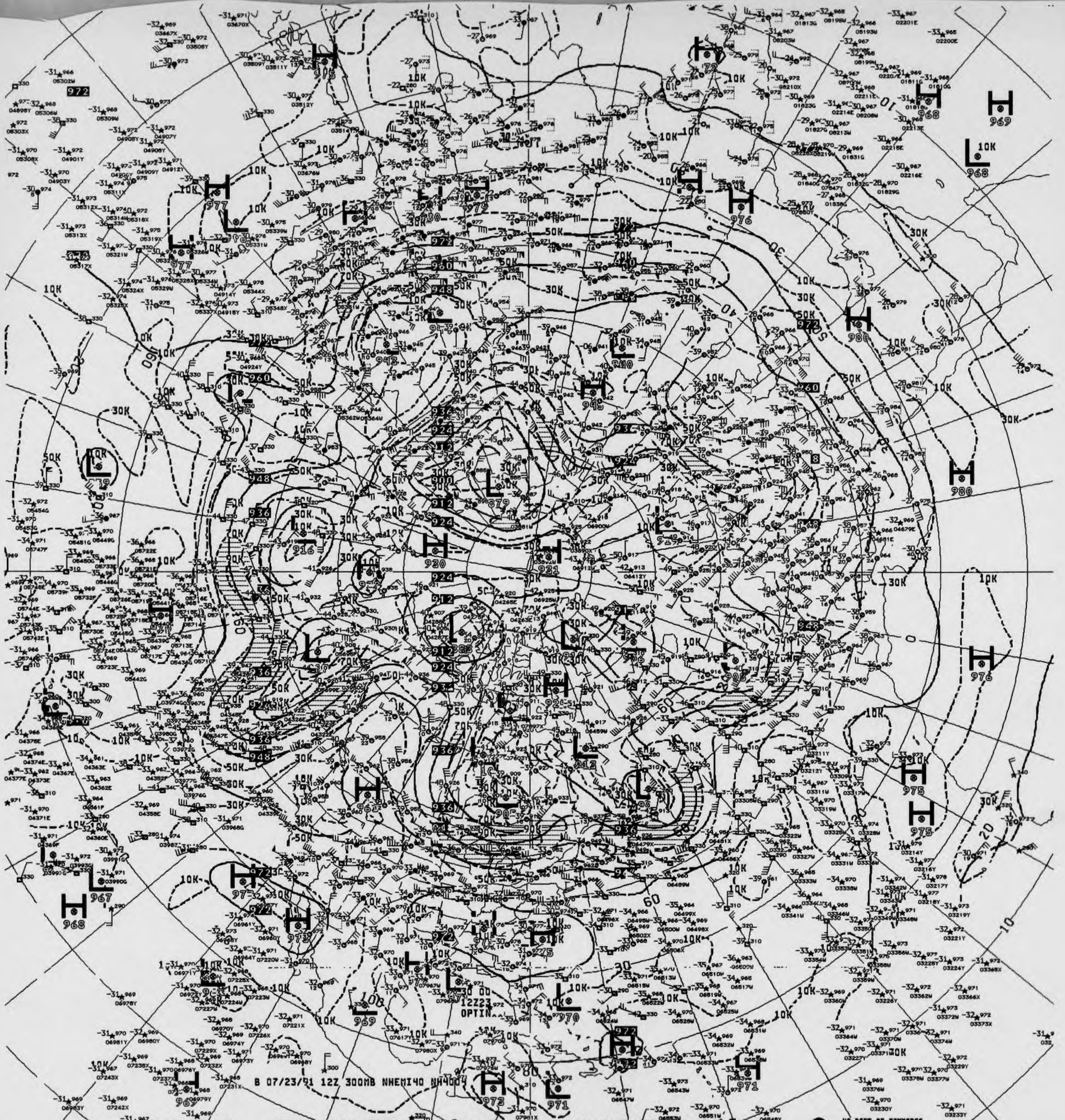
300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 23 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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12Z23
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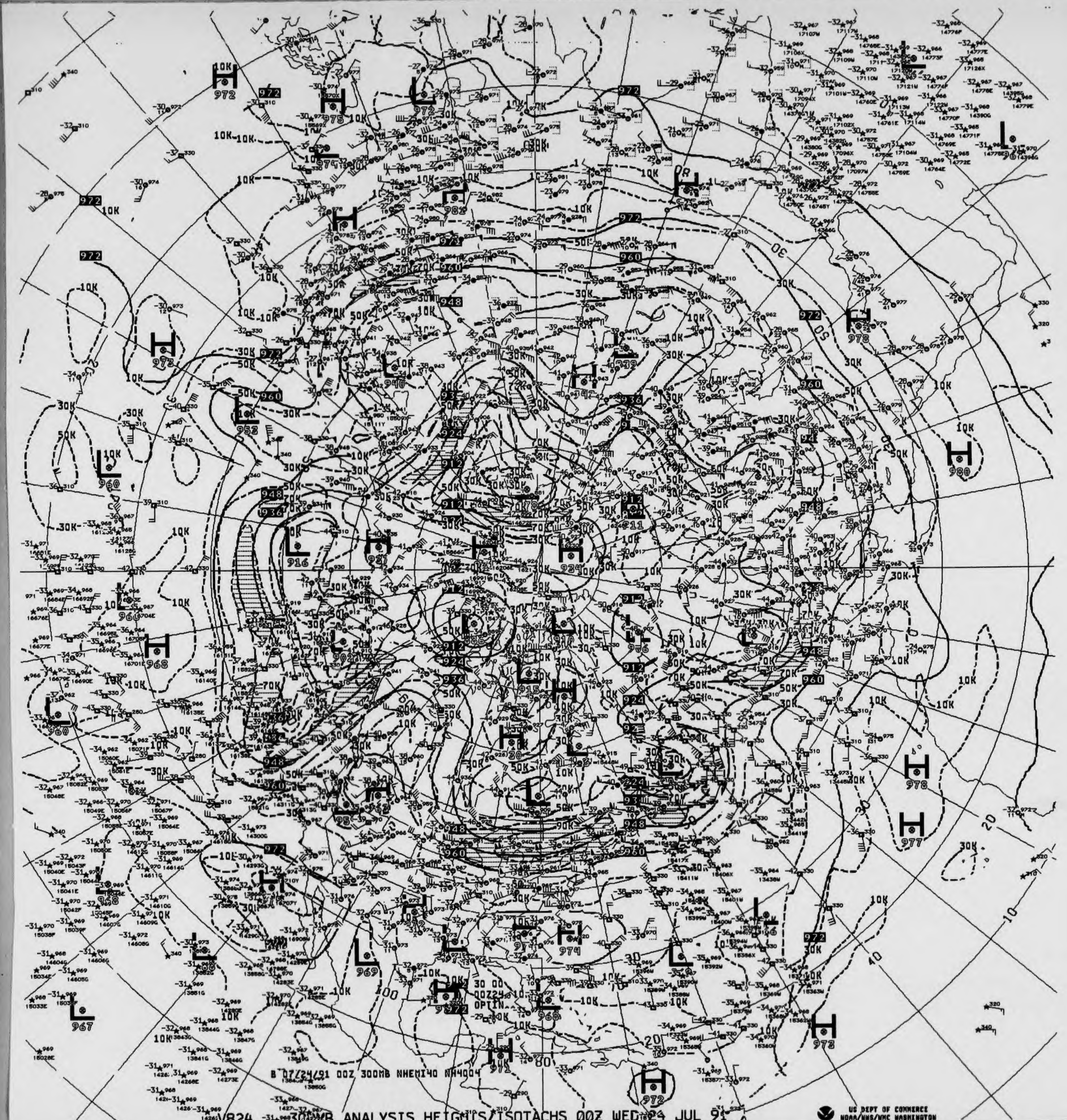
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z24
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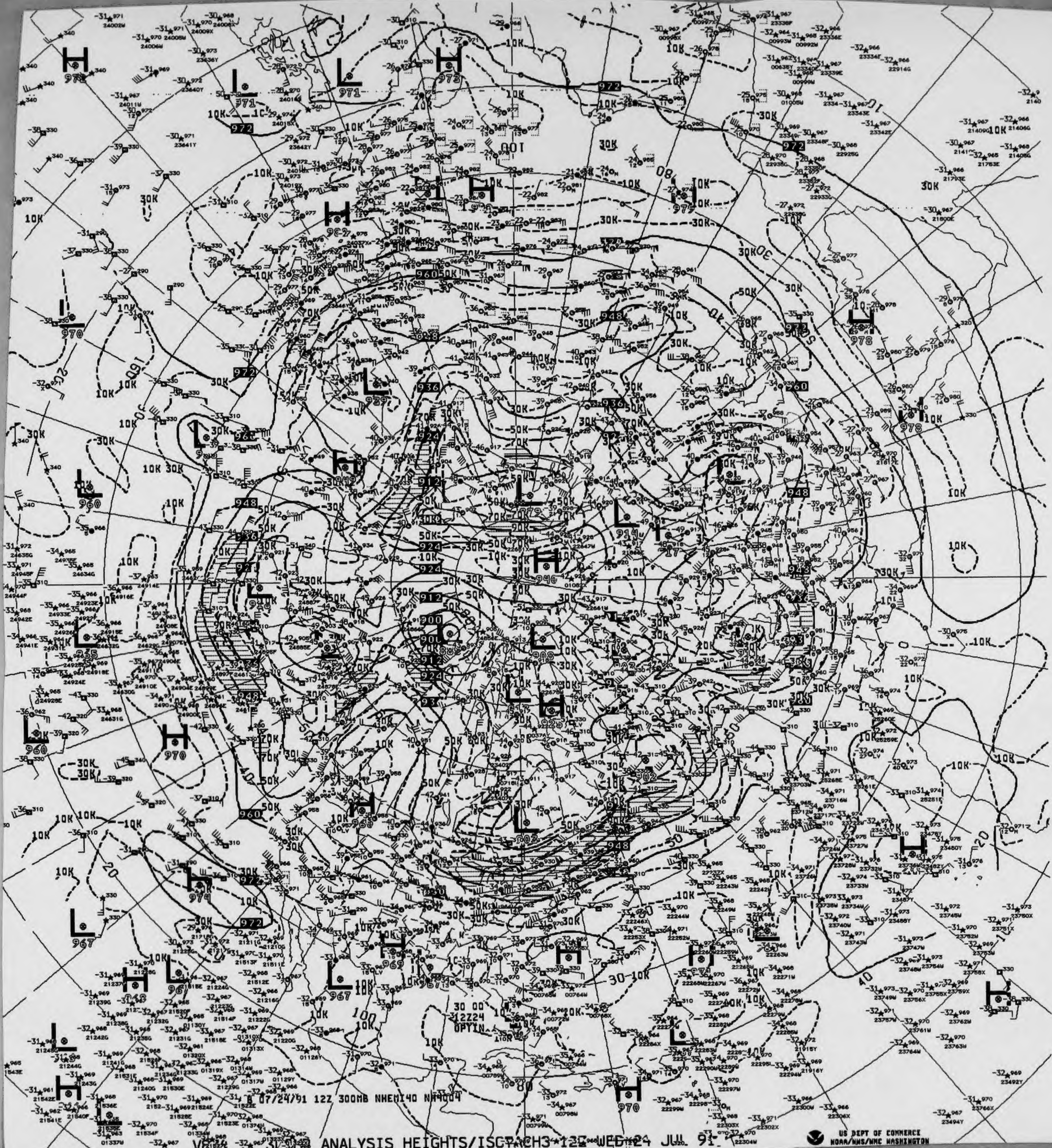
V824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 24 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



8 07/24/91 12Z 300MB NHEMI40 NH4004
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312Z24
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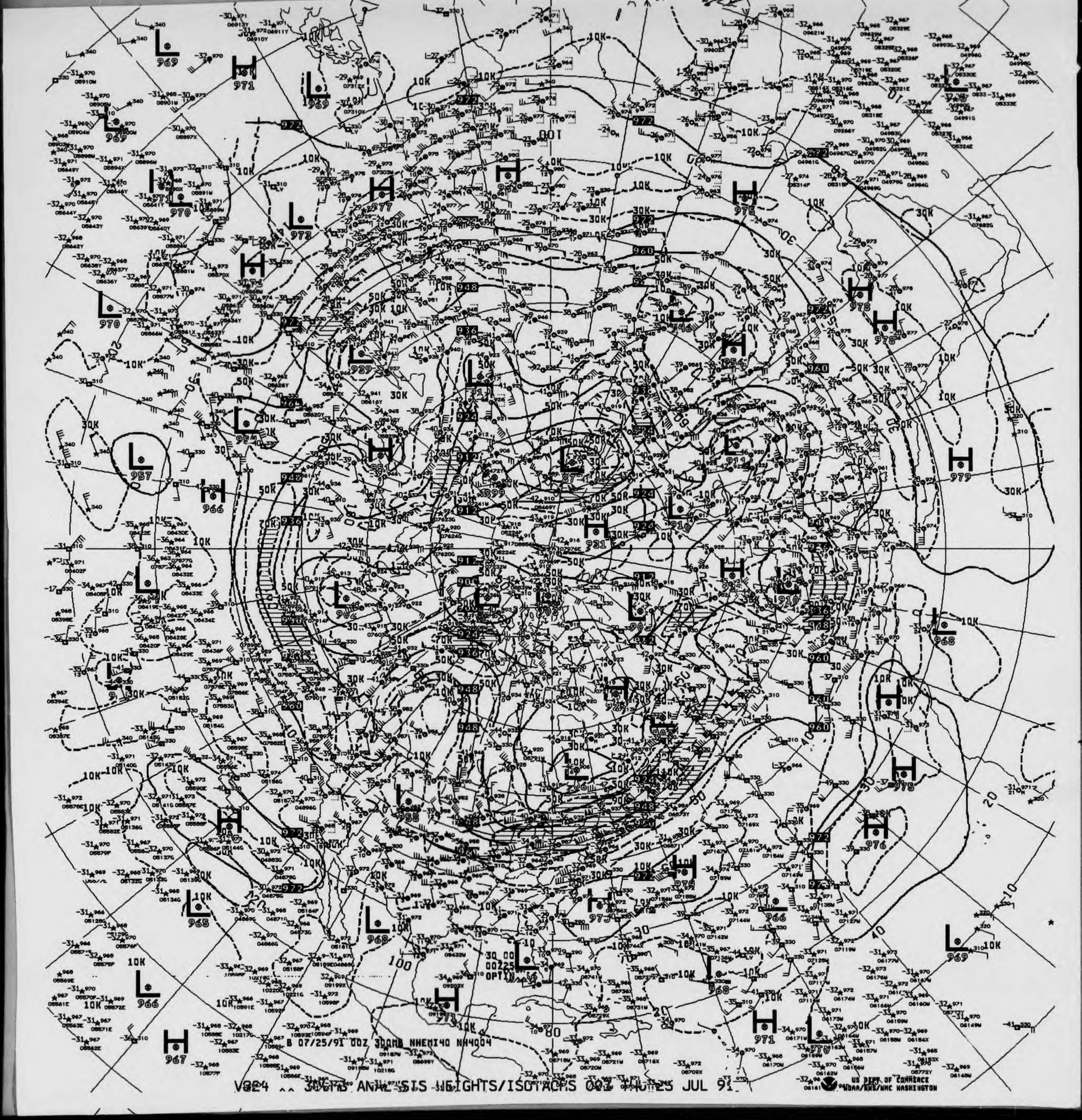
V8?? 300MB ANALYSIS HEIGHTS/ISOTACH 12Z WED 24 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

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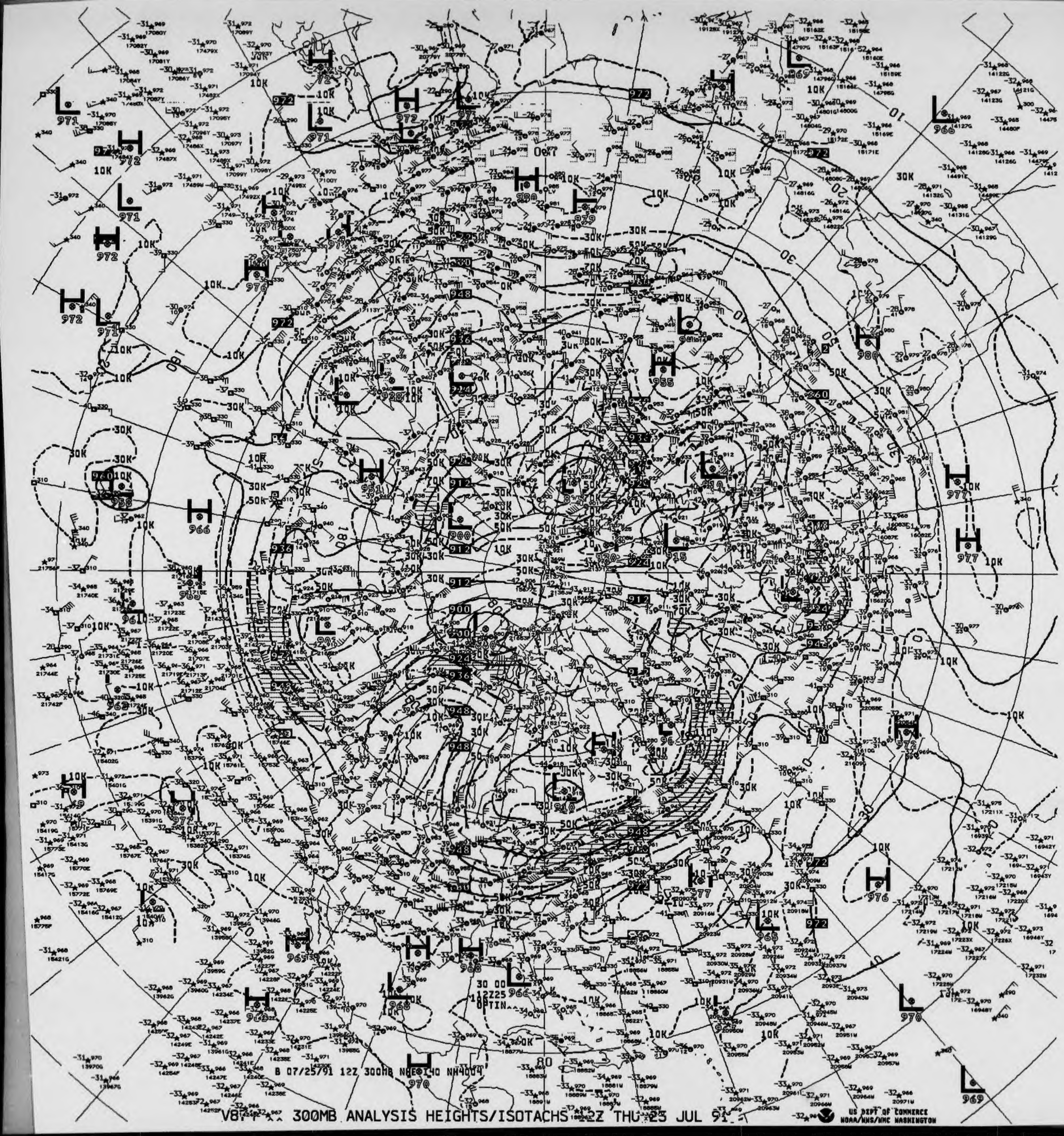

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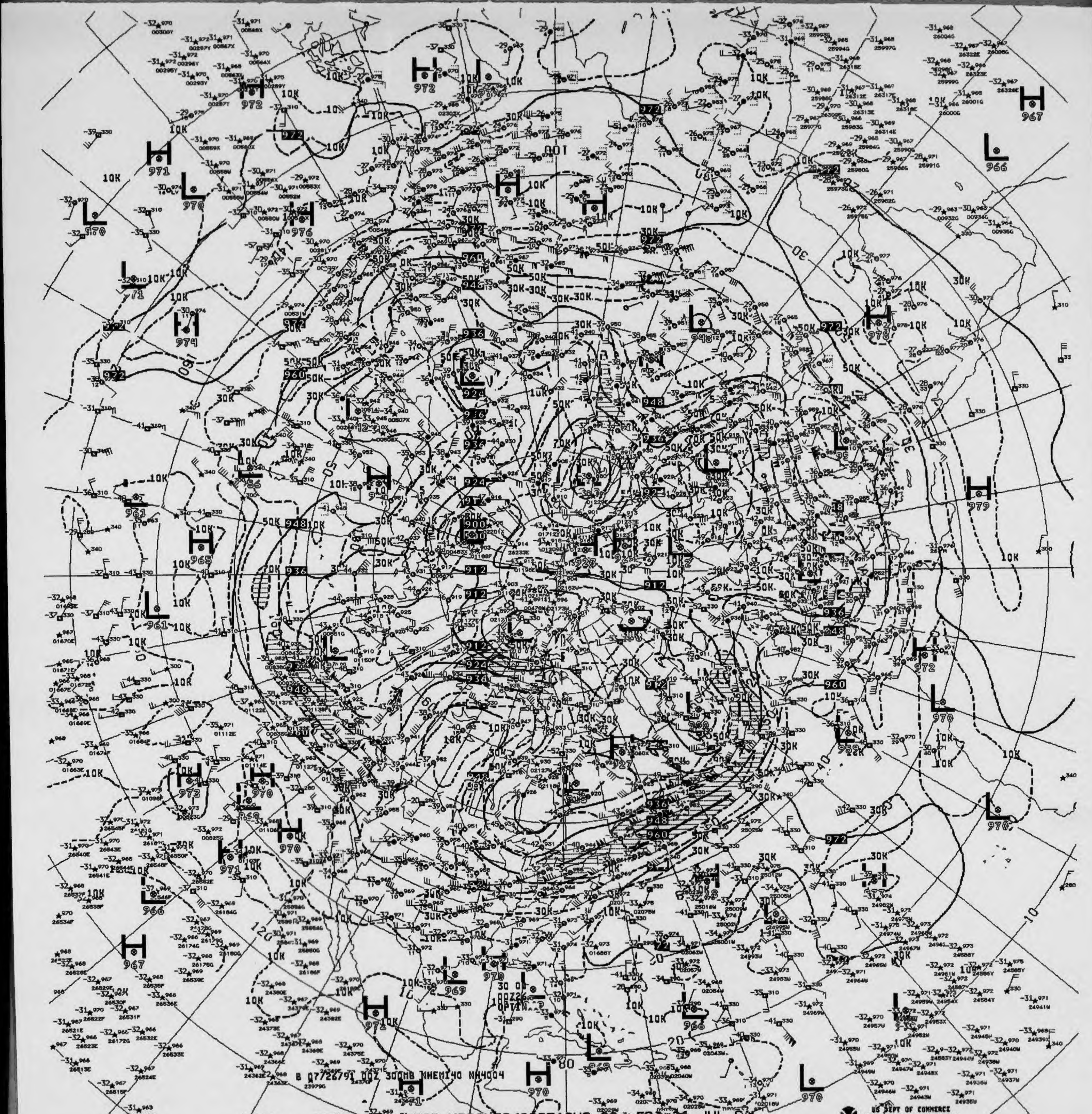
V8 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 23 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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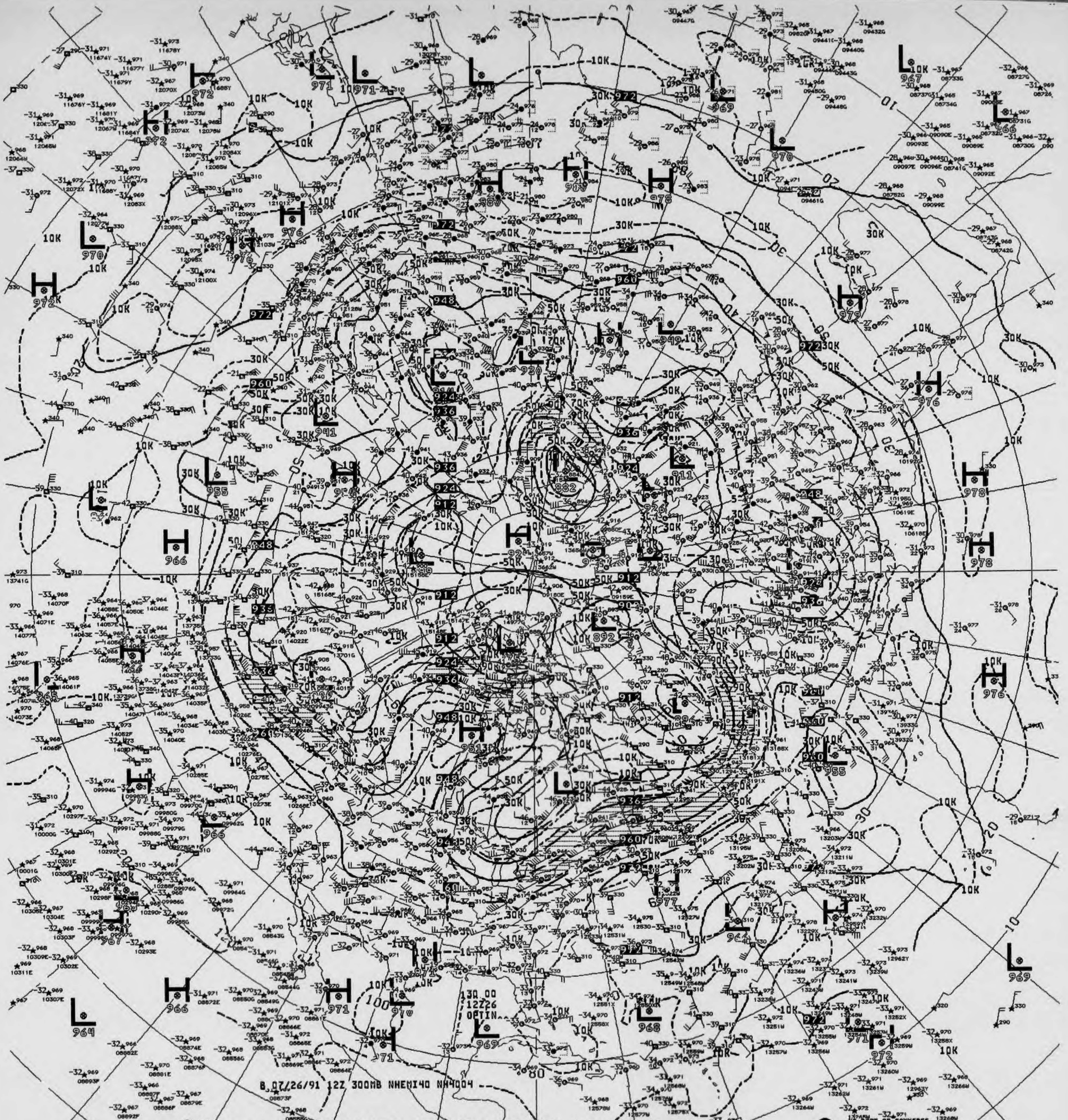
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 28 JUL 95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130 00
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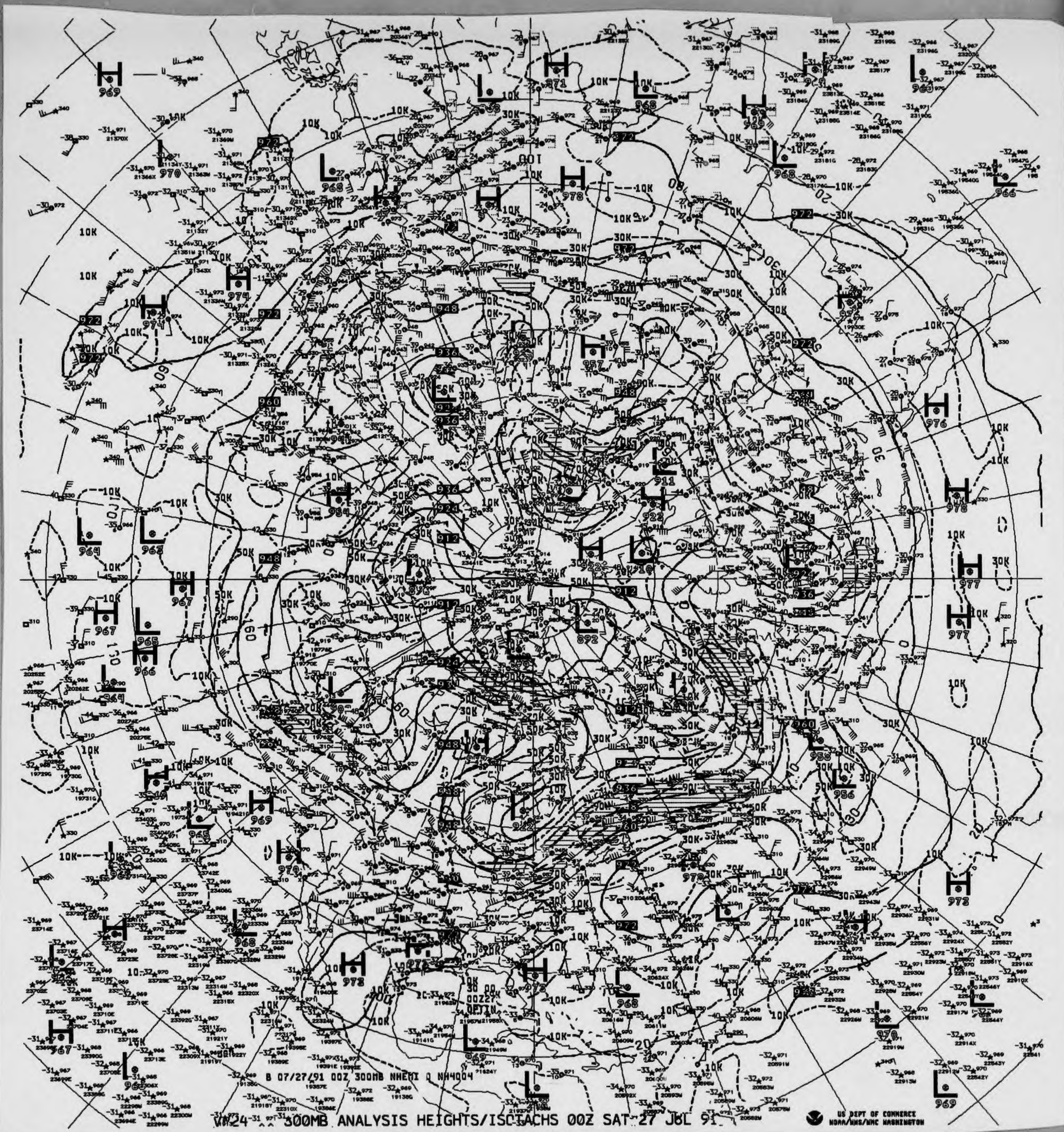
V874 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 26 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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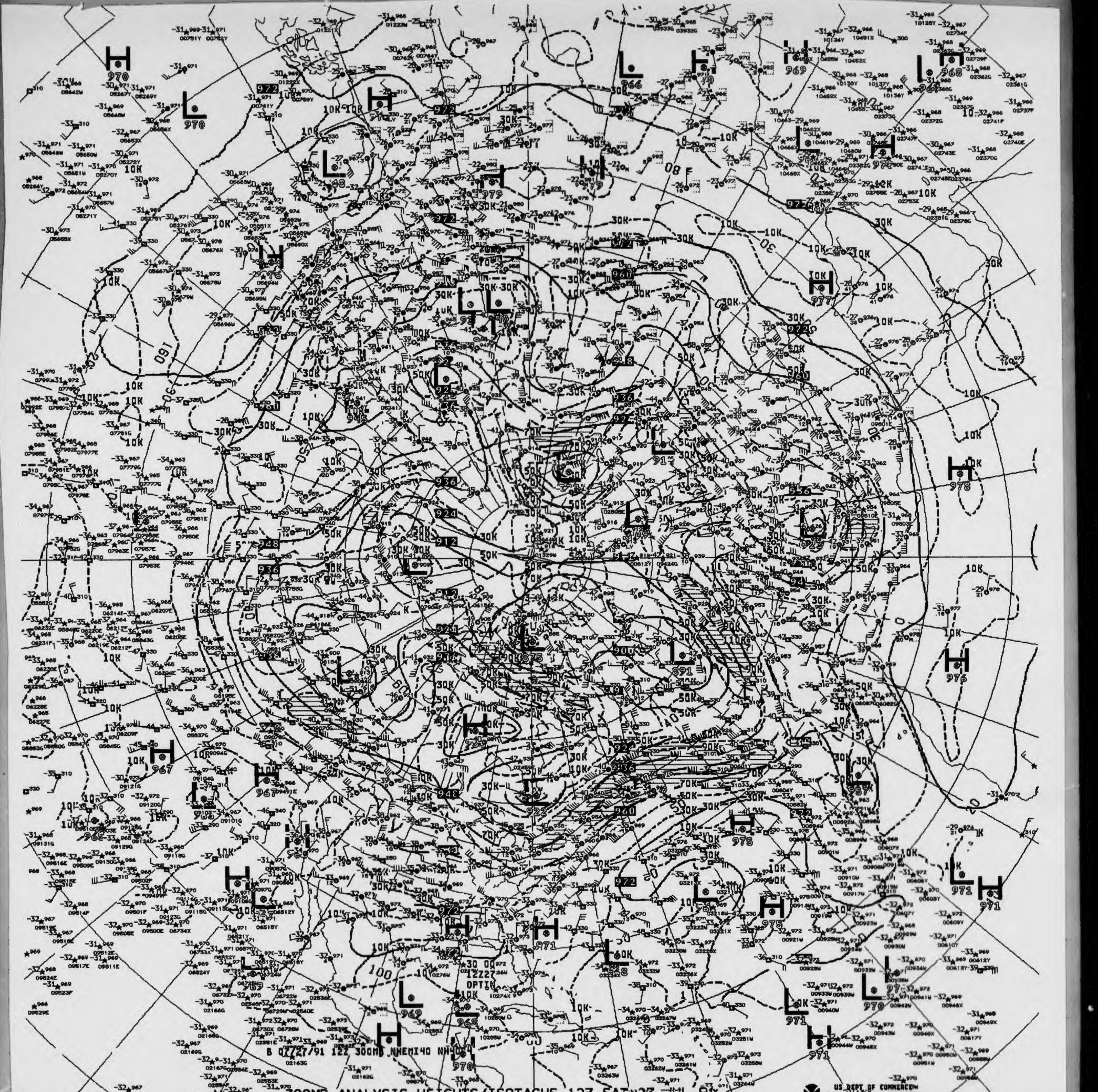
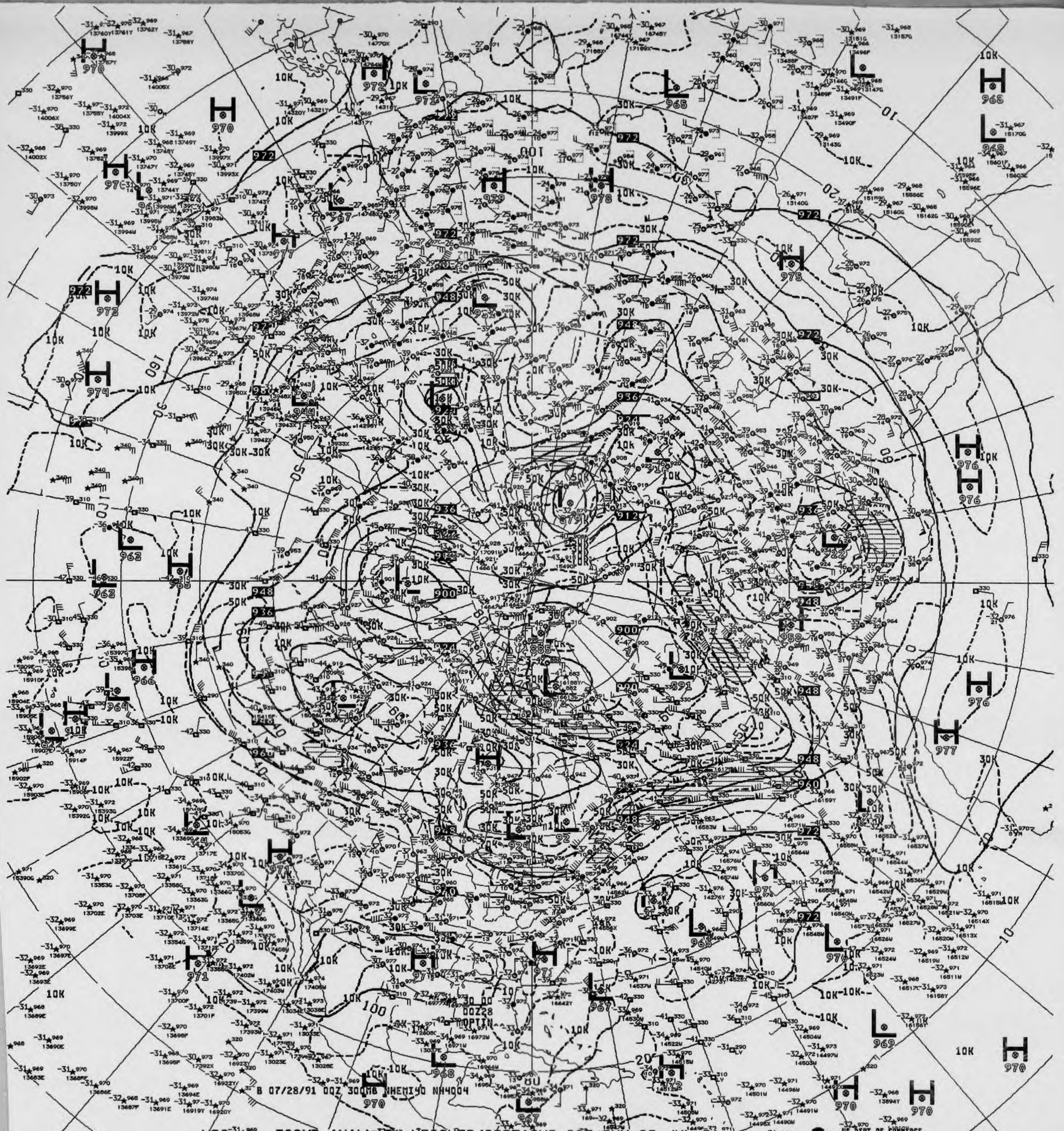
VM24 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 27 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/27/91 12Z 300MB NHEMI40 NH40
12Z27
OPTIN
10K
30K
50K
70K
H
L

V82Z ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 27 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/28/91 00Z 300MB NHEMI90 NH4004
00Z28
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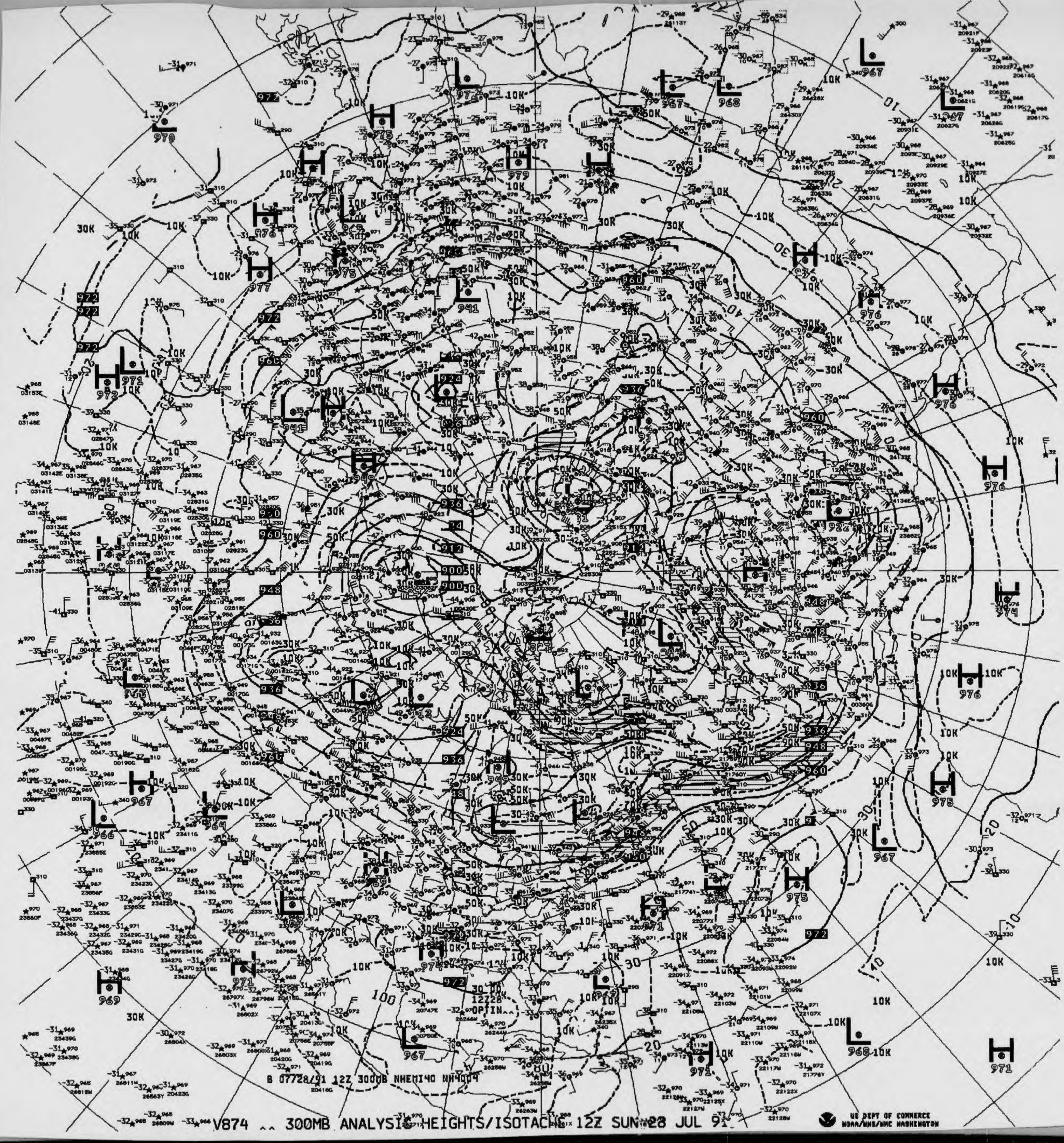
V824 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 28 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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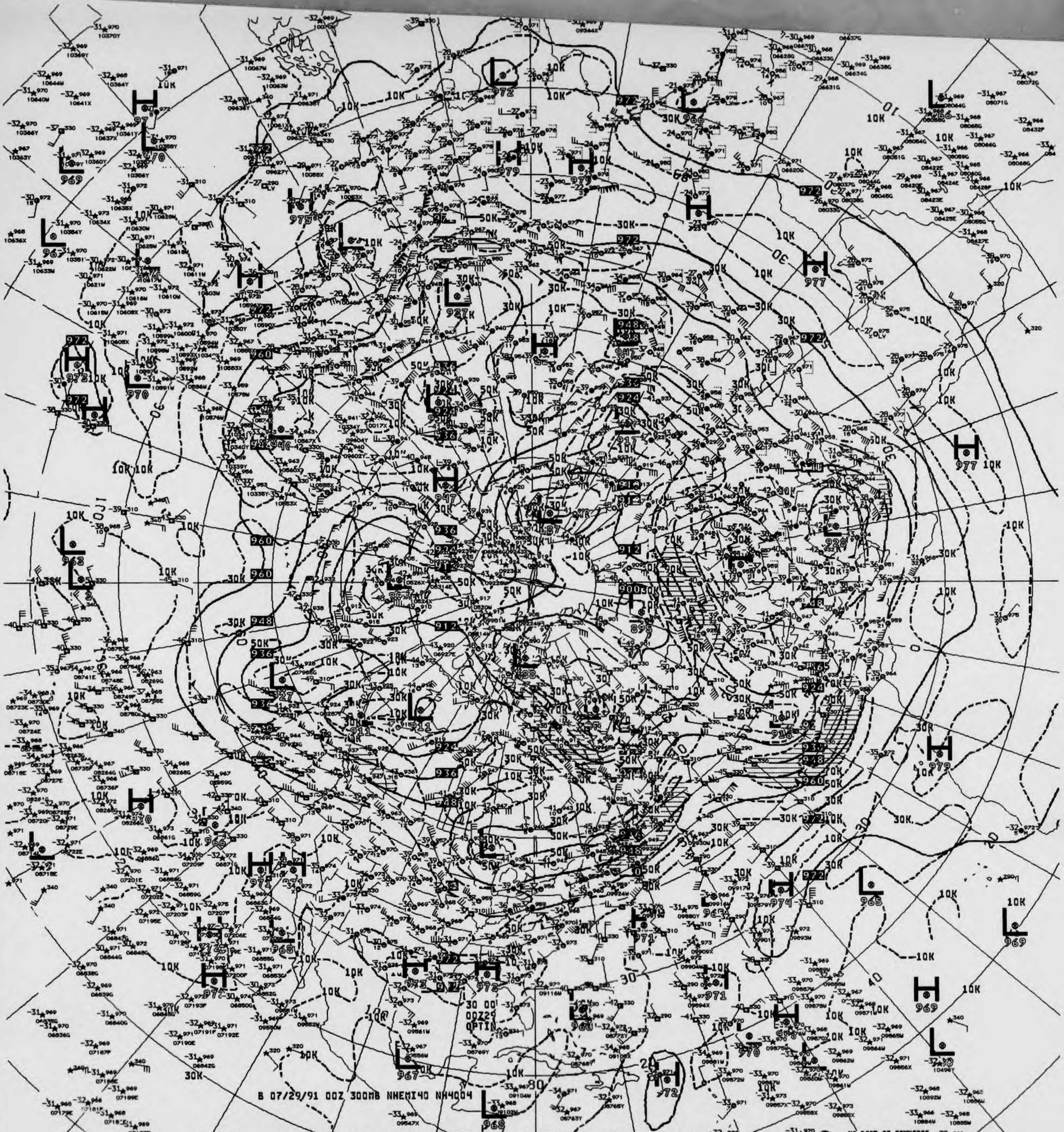
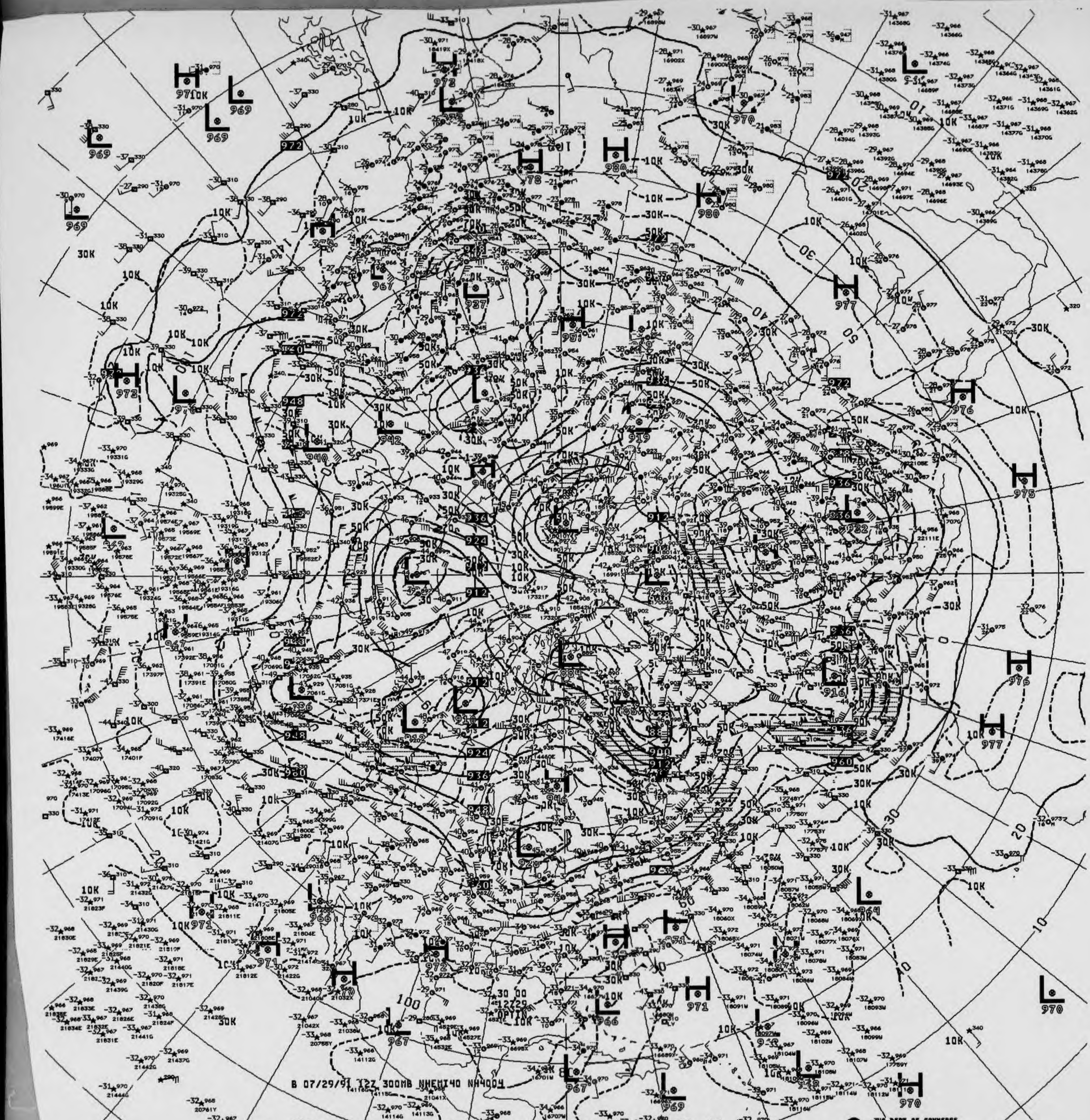
V874 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 28 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/29/91 00Z 300MB NHEMI40 NH4004
30 00
00Z29
OPTIN
H
L
10K
30K
50K
972
960
948
936
924
912
900

V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 29 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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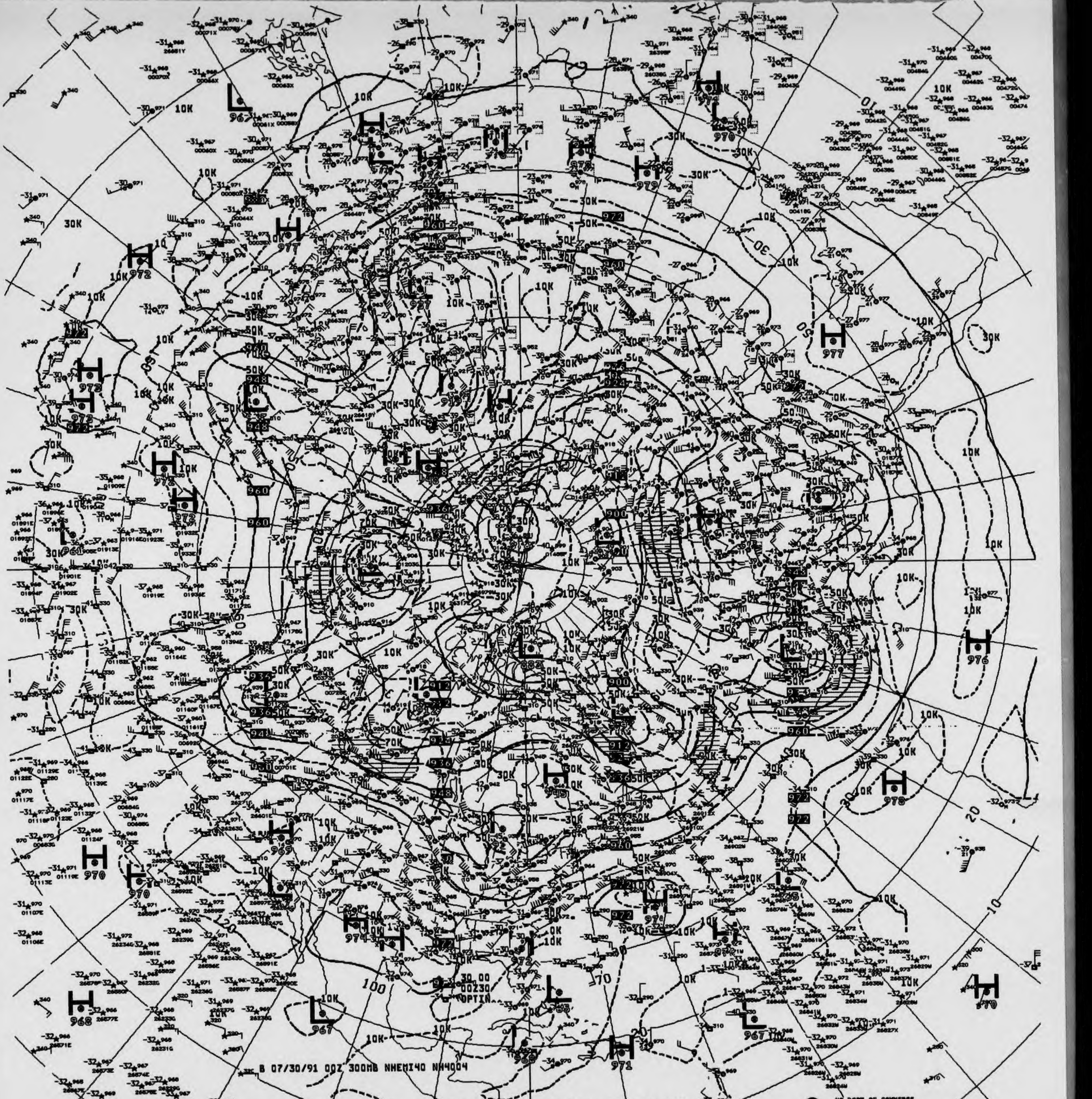
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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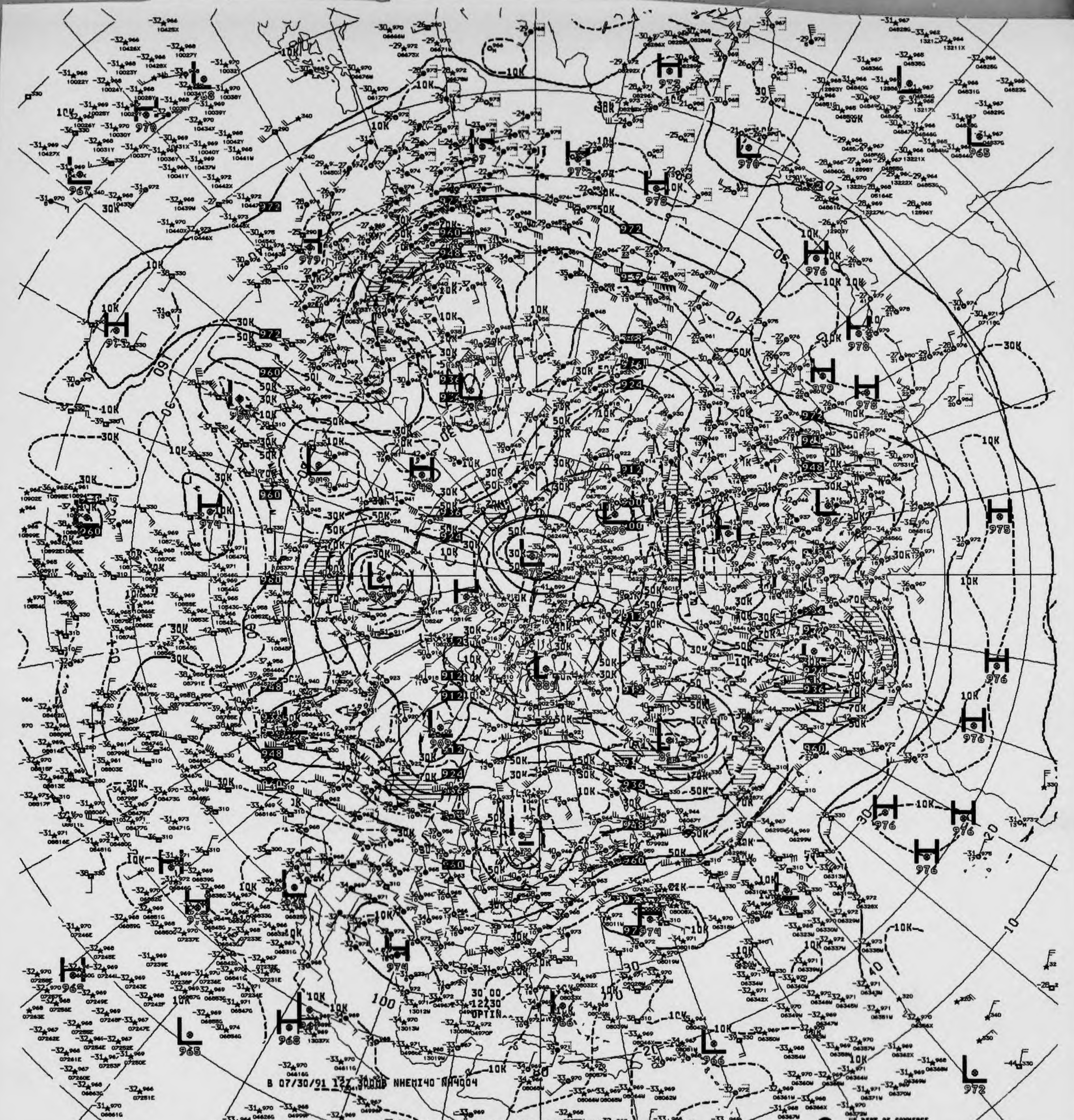
OPTIN

V824 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 30 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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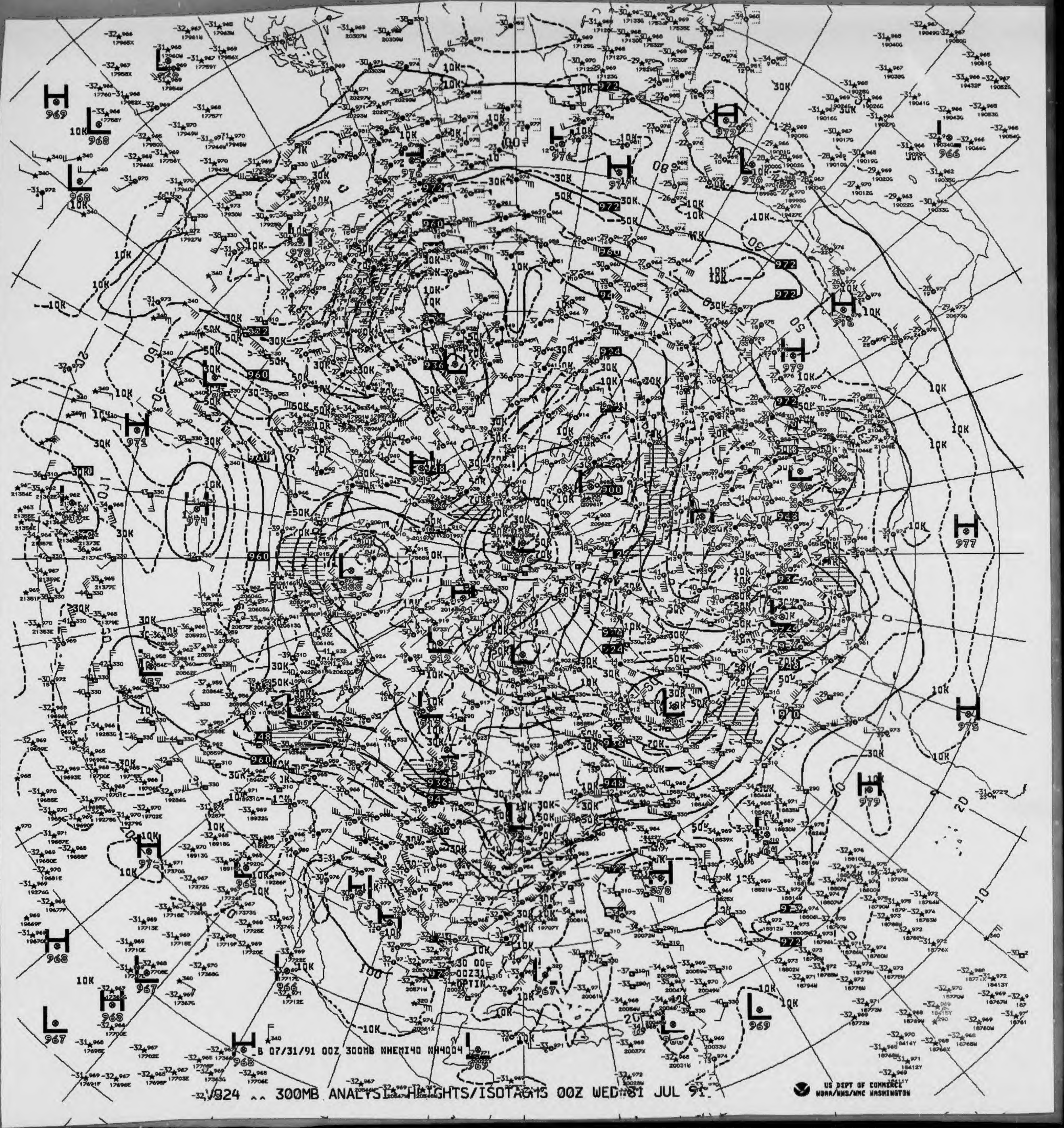
V874 .. 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 30 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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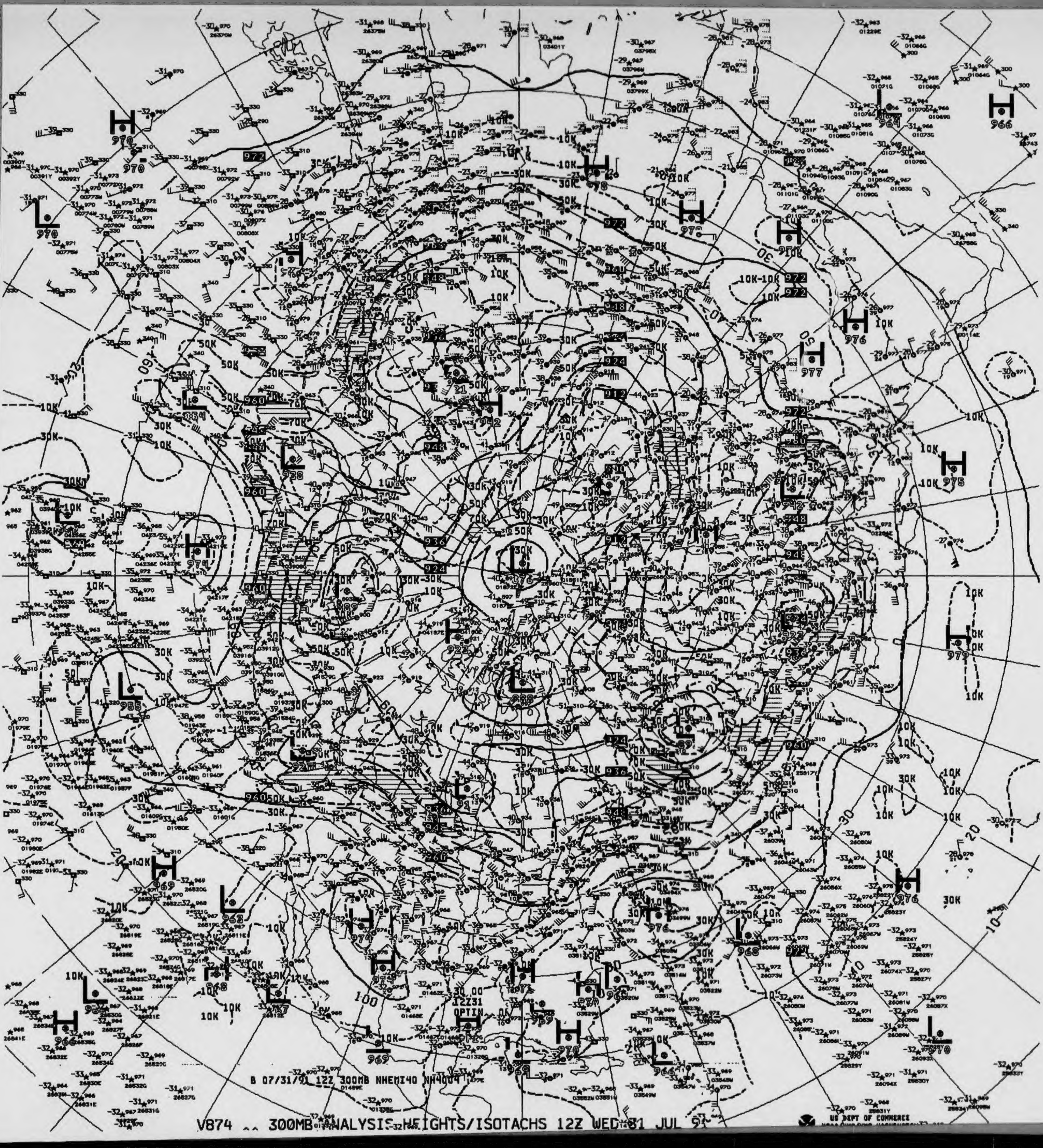
V824 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 31 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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OPTIN
US DEPT OF COMMERCE

V874 ^^ 300MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 31 JUL 91

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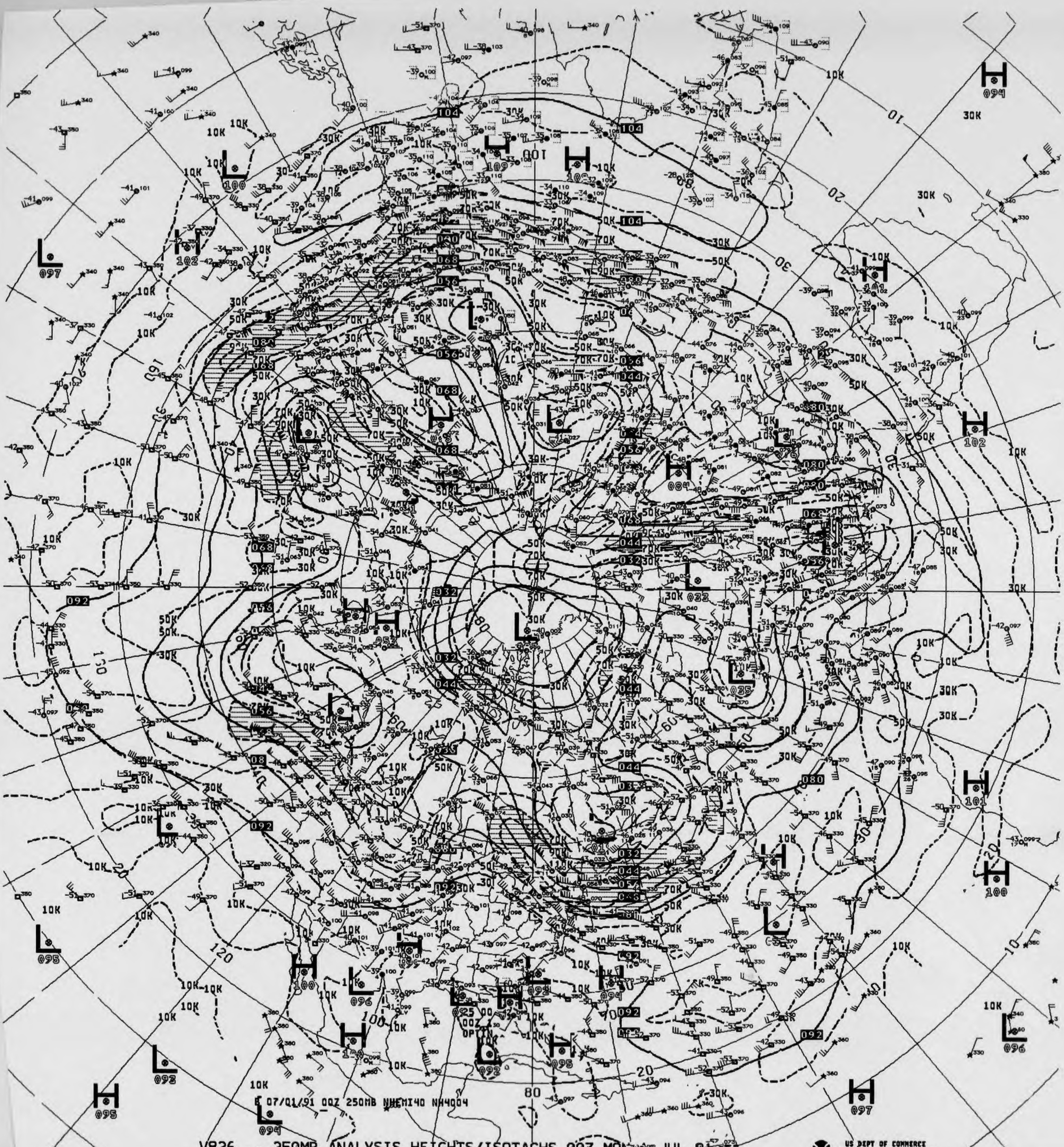
National Environmental Satellite, Data, and Information Ser
National Climatic Data Center

250 MB CONSTANT PRESSURE CHARTS

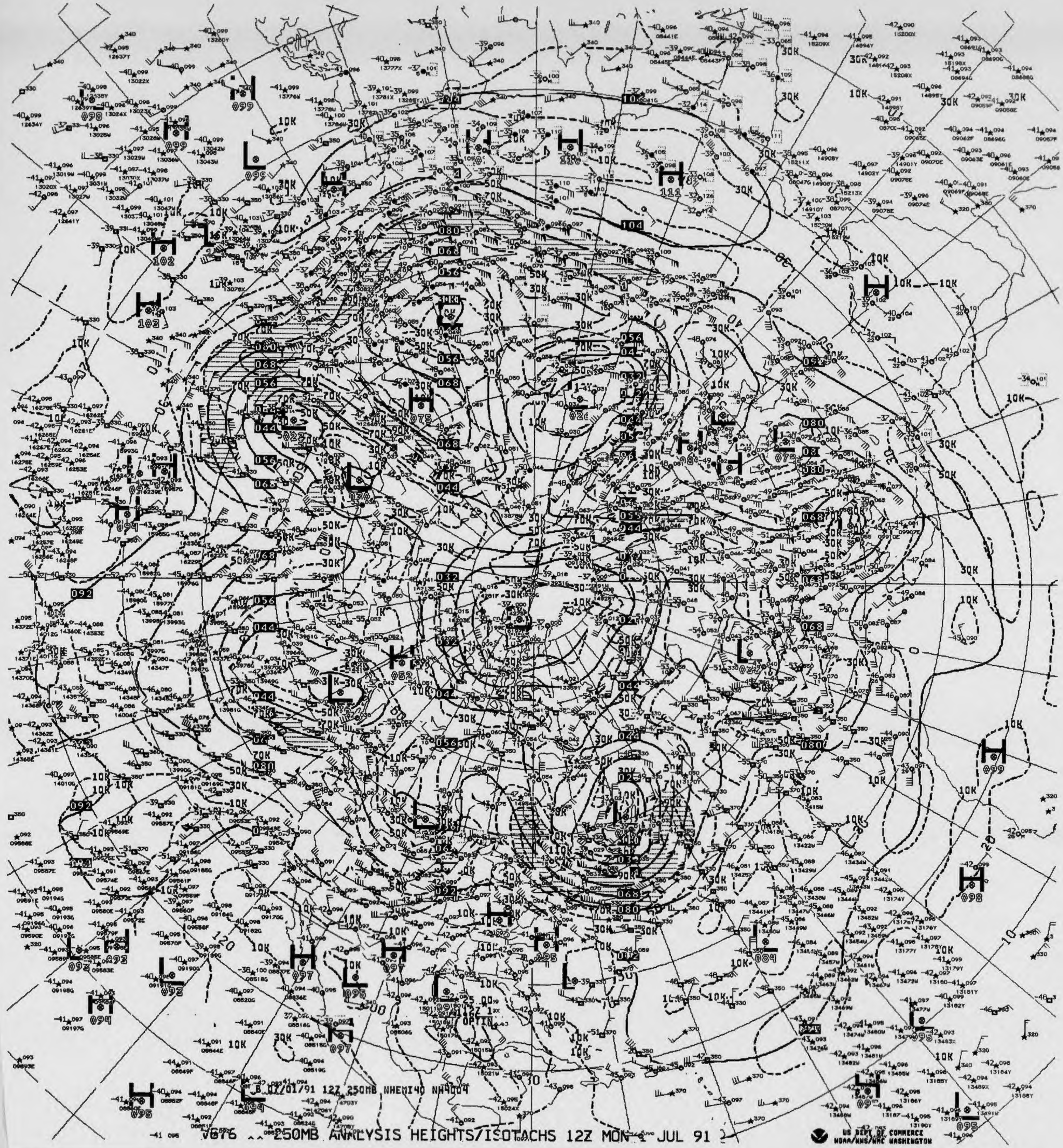
NORTHERN HEMISPHERE NWP

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING


6 07/01/91 00Z 250MB NHEMI40 NH4004

V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 1 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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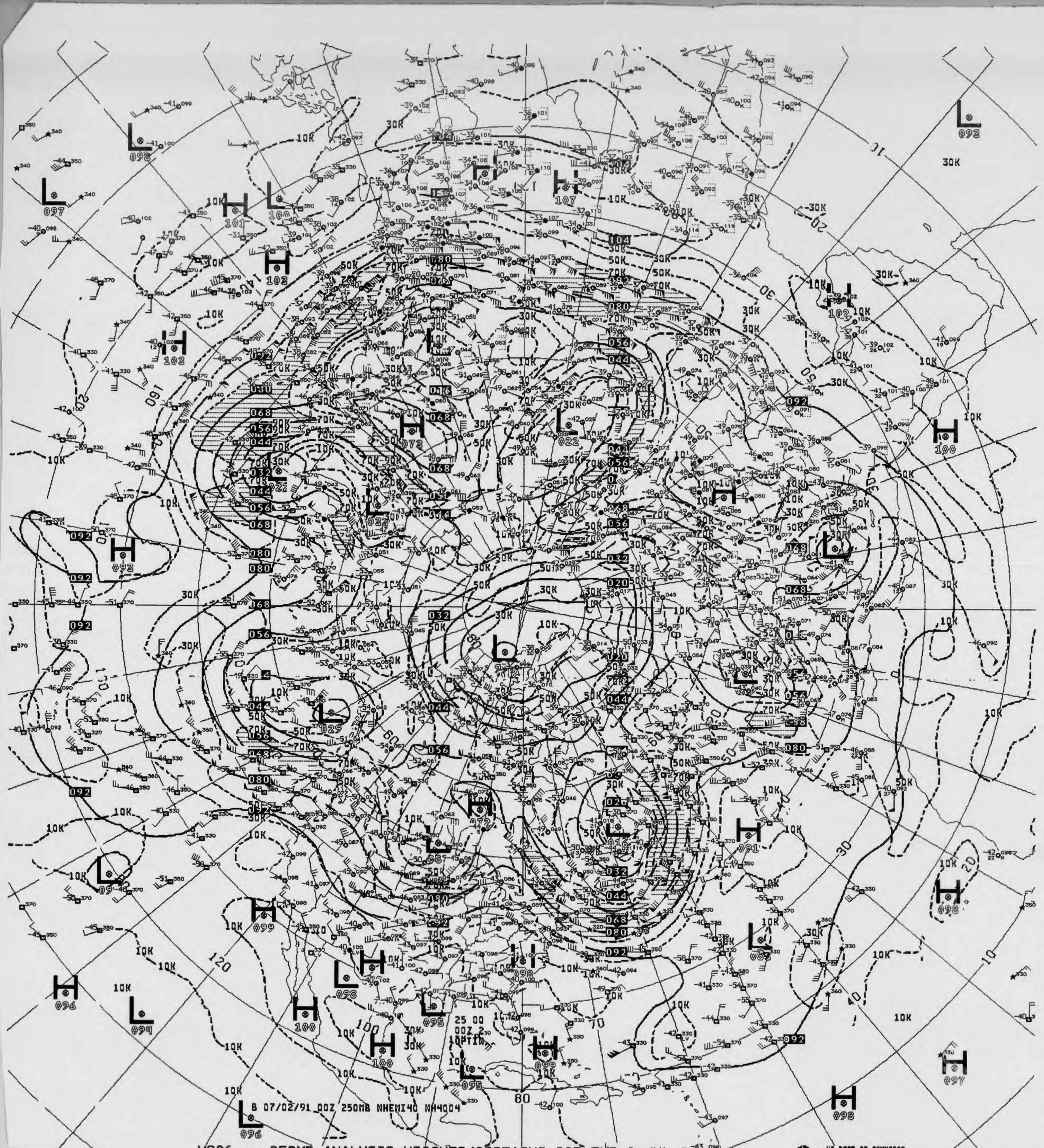
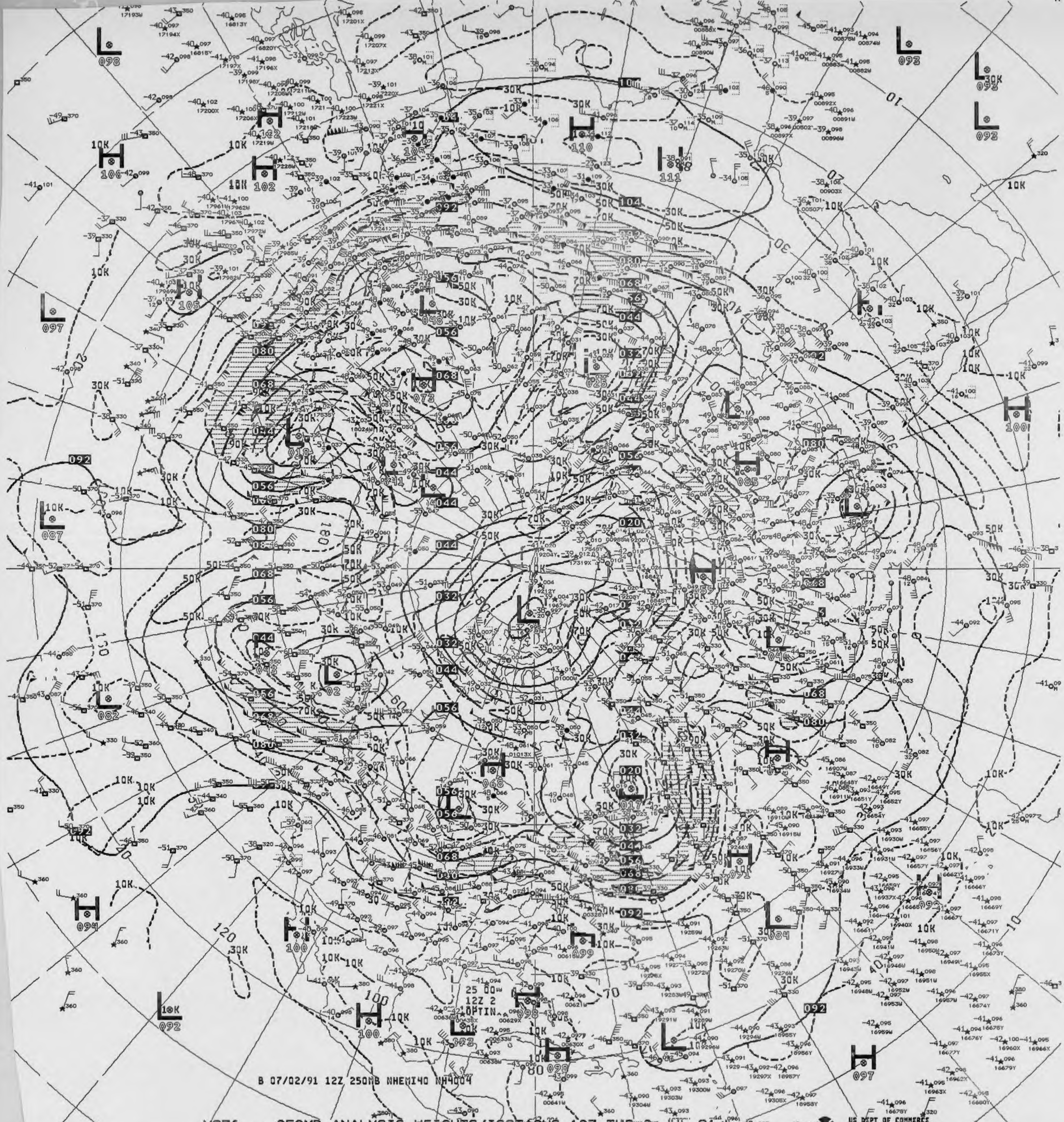
V676 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 1 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/02/91 00Z 250MB NHEMI40 NH4004
80
120
10K
30K
50K
70K

V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 2 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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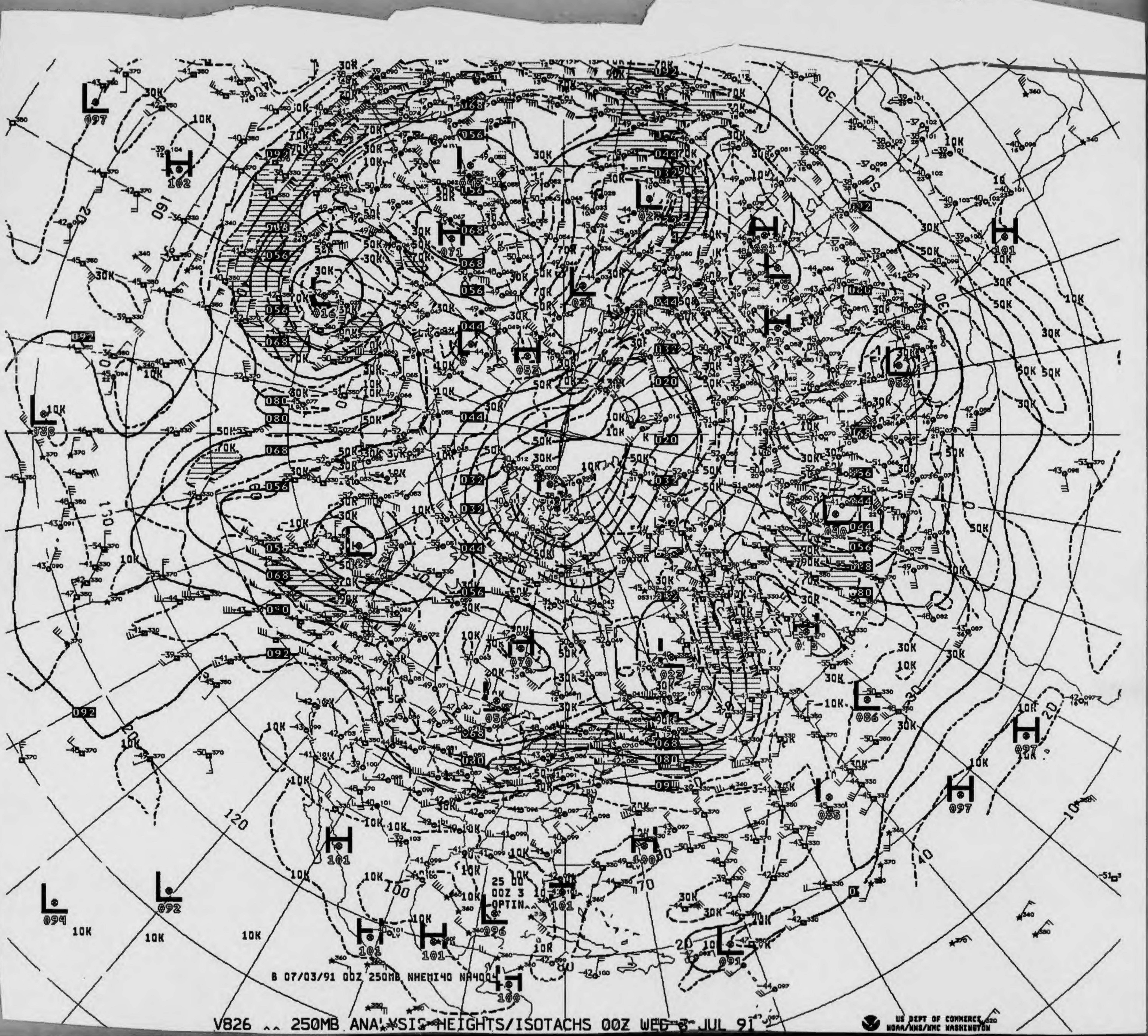
25 00W
12Z 2
OPTIN
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V876 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 2 JUL 91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25 00
00Z 3
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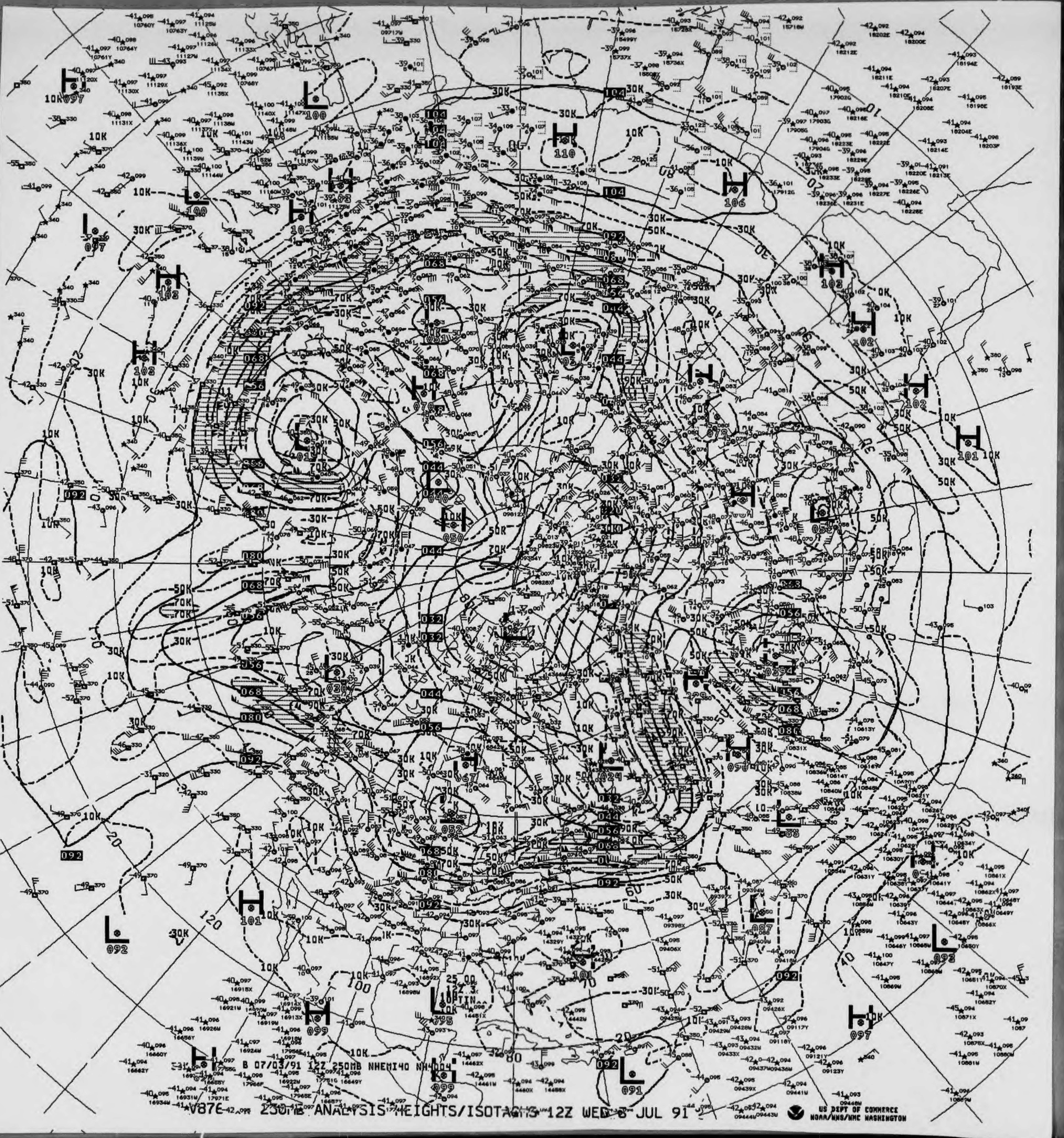
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 3 JUL 91



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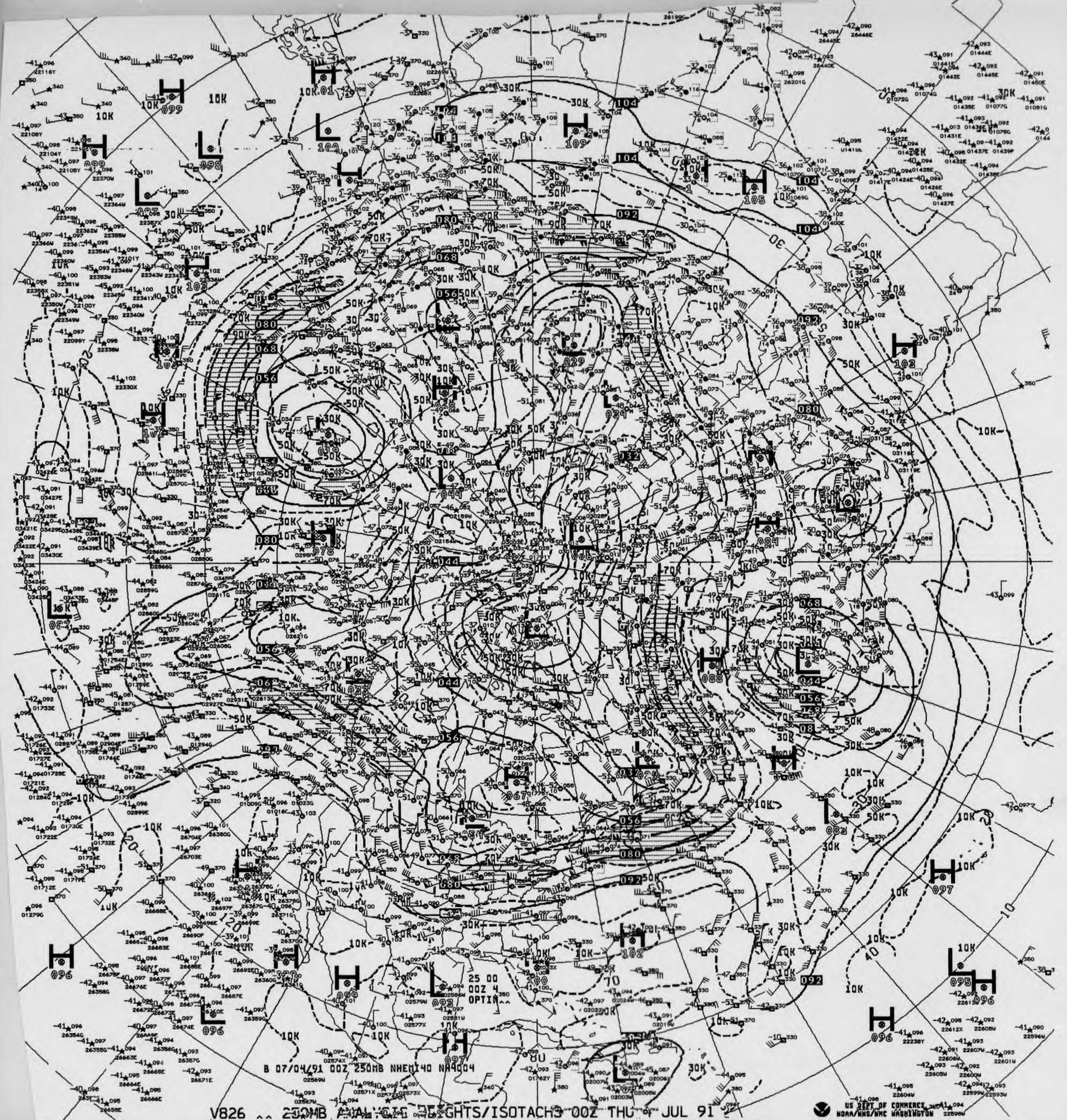
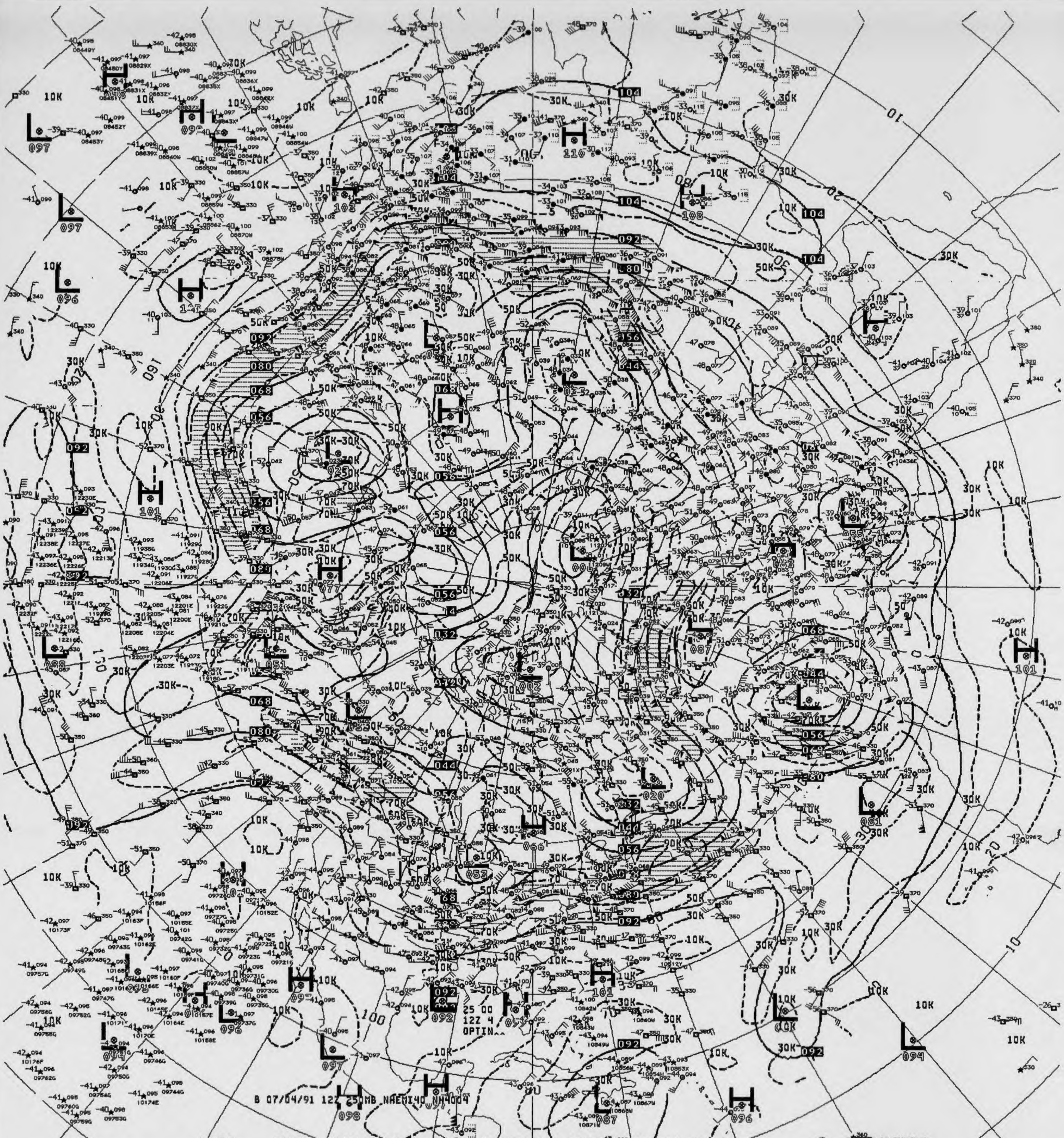
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V876 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 3 JUL 91


B 07/04/91 00Z 250MB NHEMI40 NA4004
25 00
00Z 4
OPTIM^^

V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 4 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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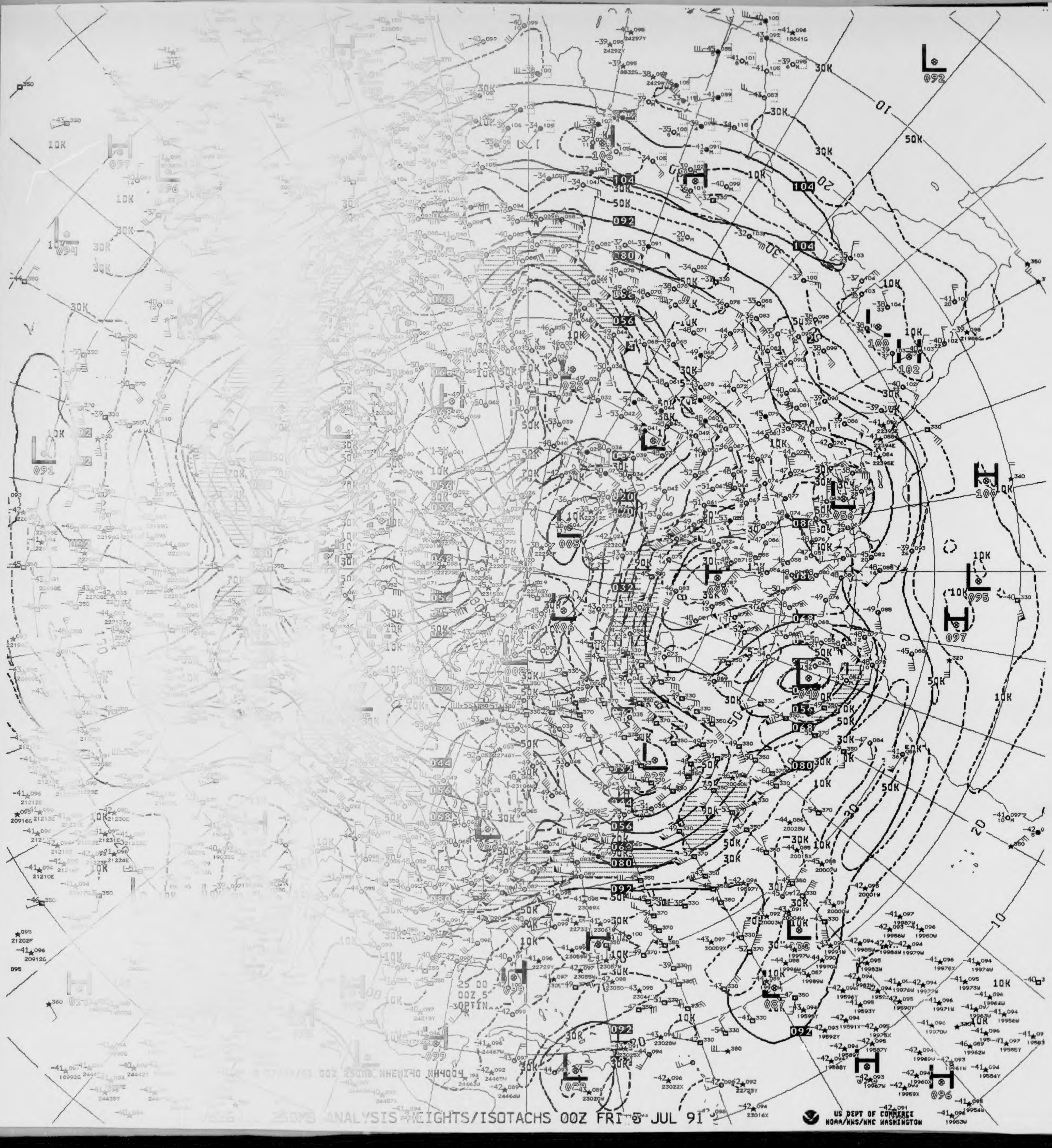
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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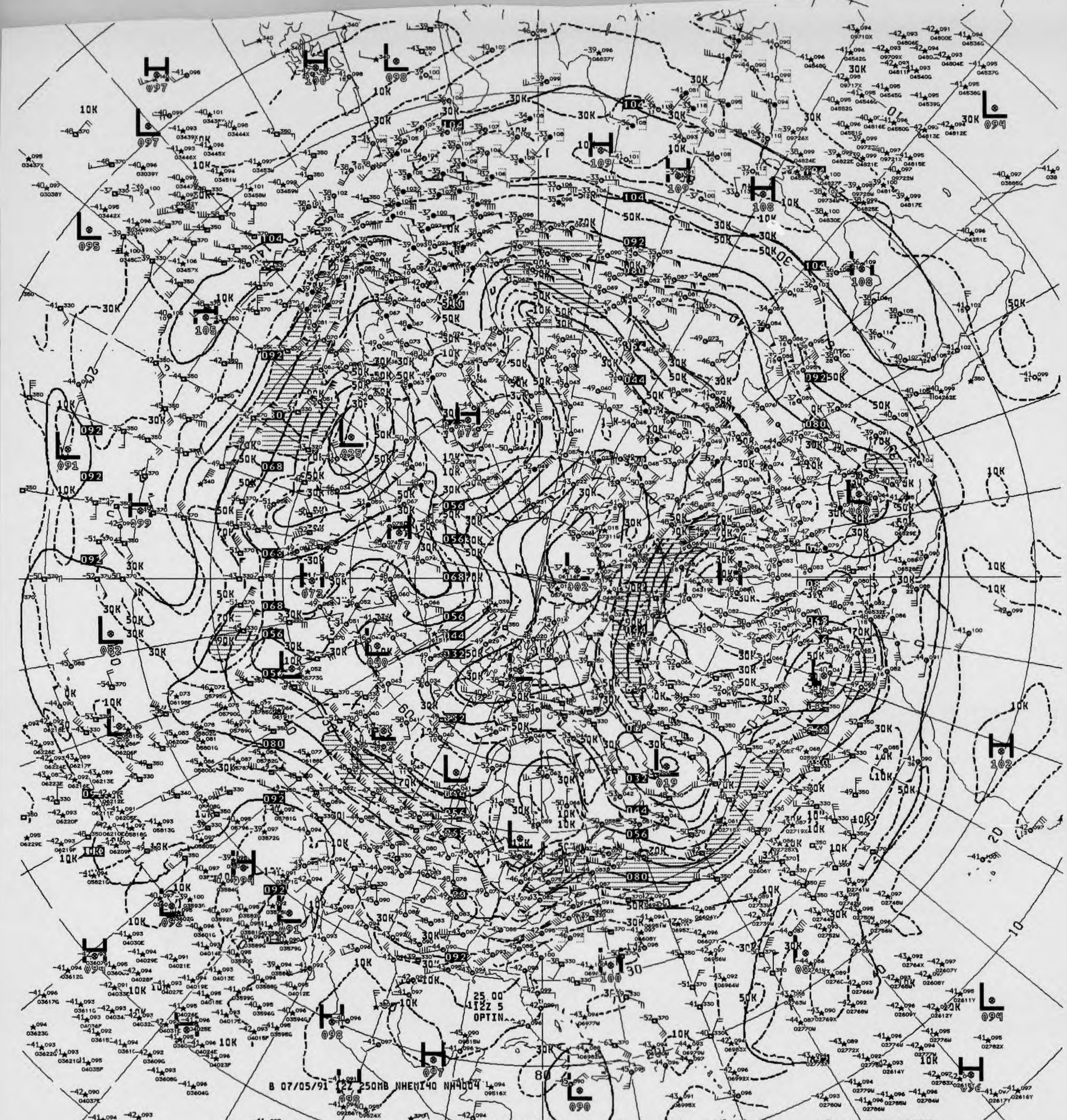
250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 5 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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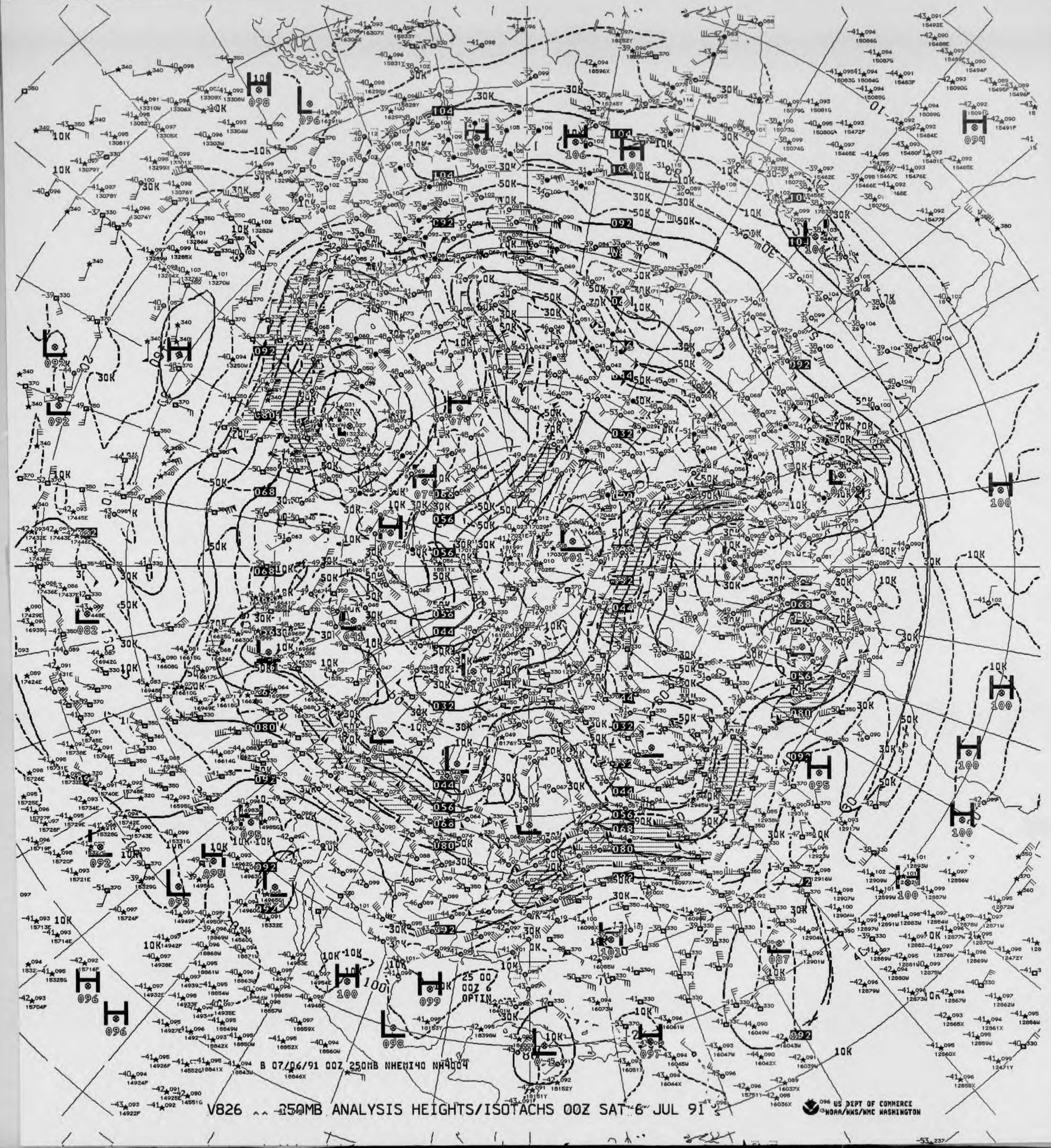
25.00
12Z 5
OPTIN
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

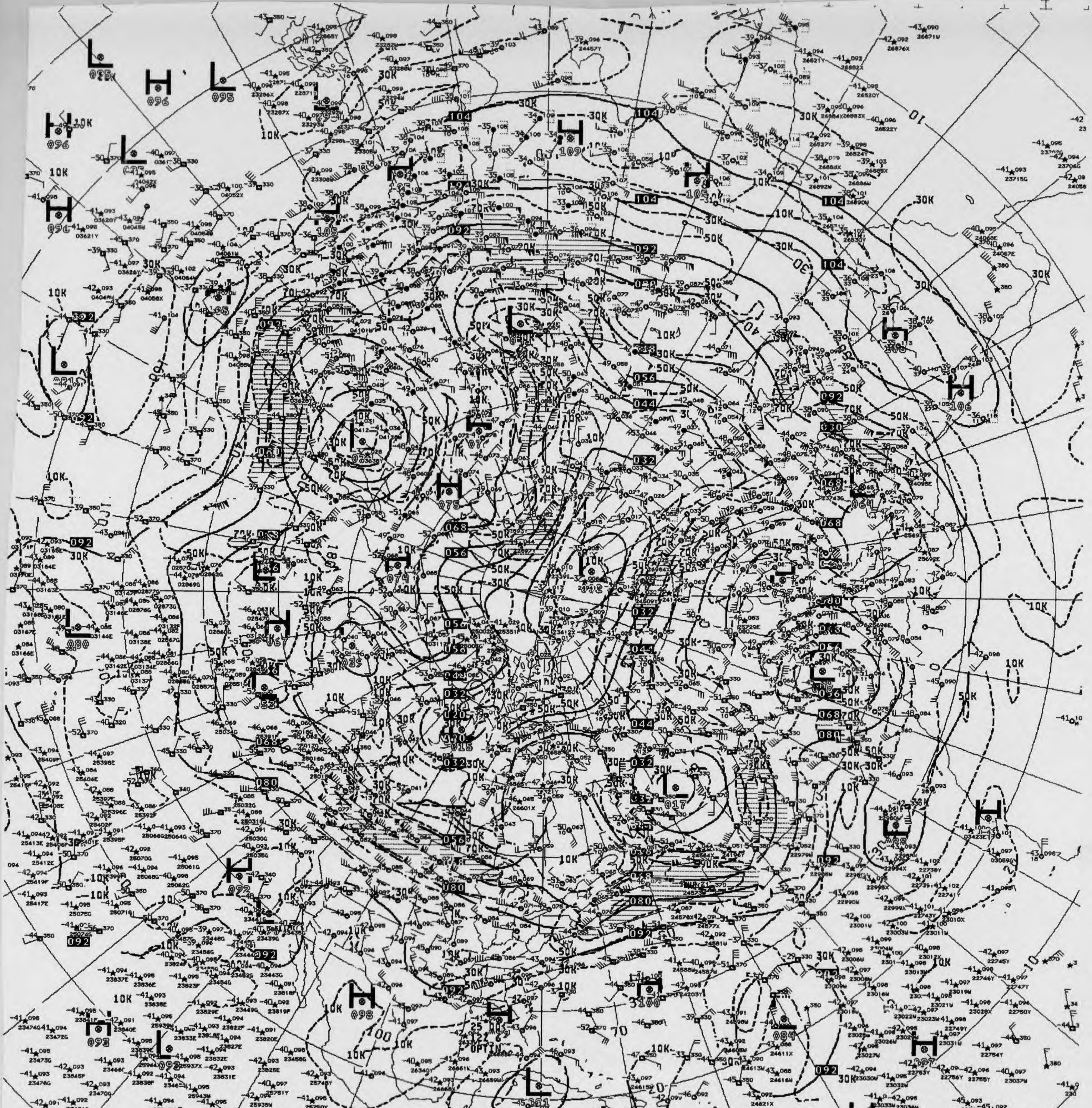
V876 XX 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 5 JUL 91


25 00
00Z 6
OPTIN

B 07/06/91 00Z 250MB NHEMI40 NH4004

V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 6 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


8 07/06/91 12Z 250MB NHEMI40 NH4004

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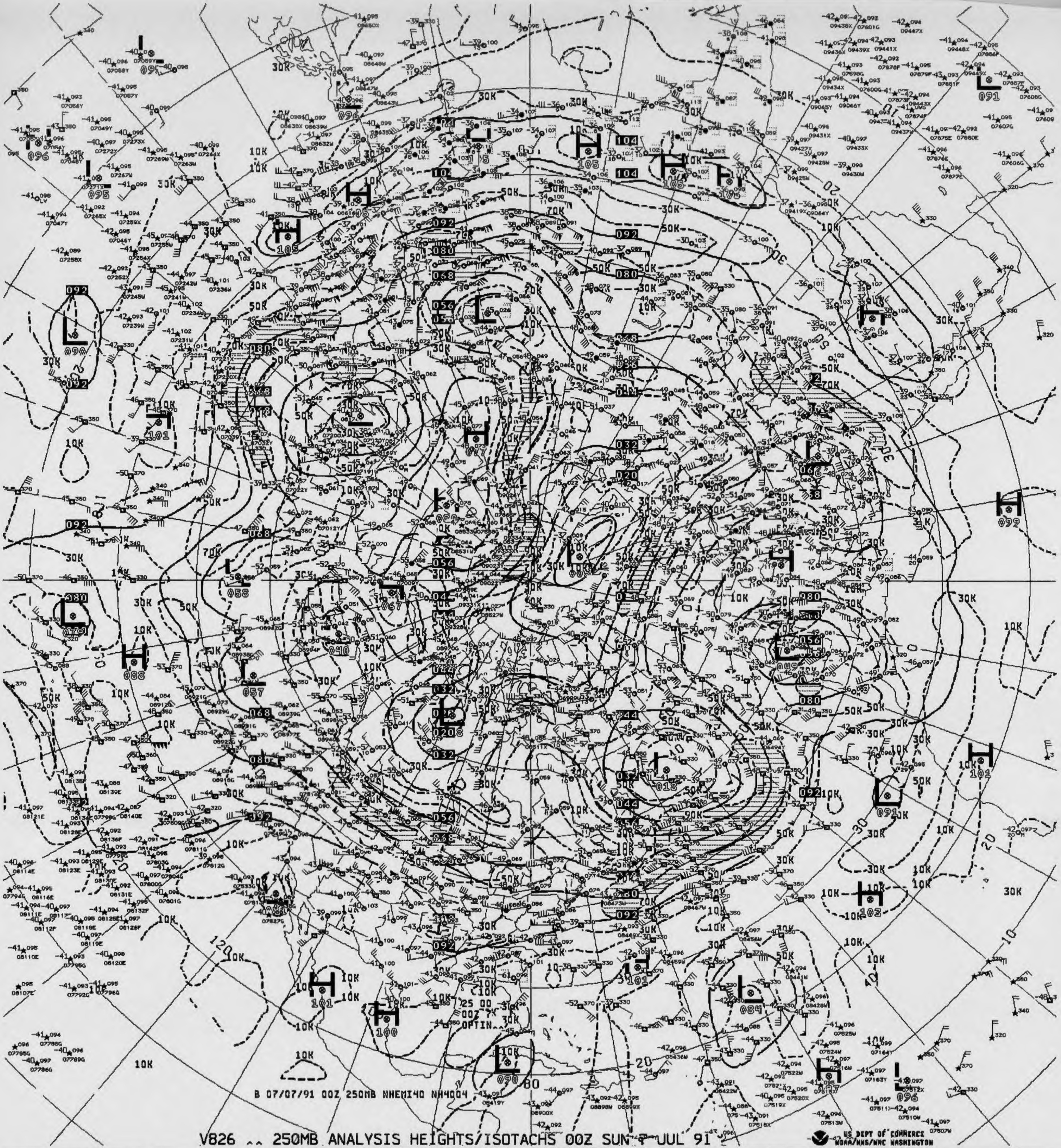
NOAA/NWS/NMC WASHINGTON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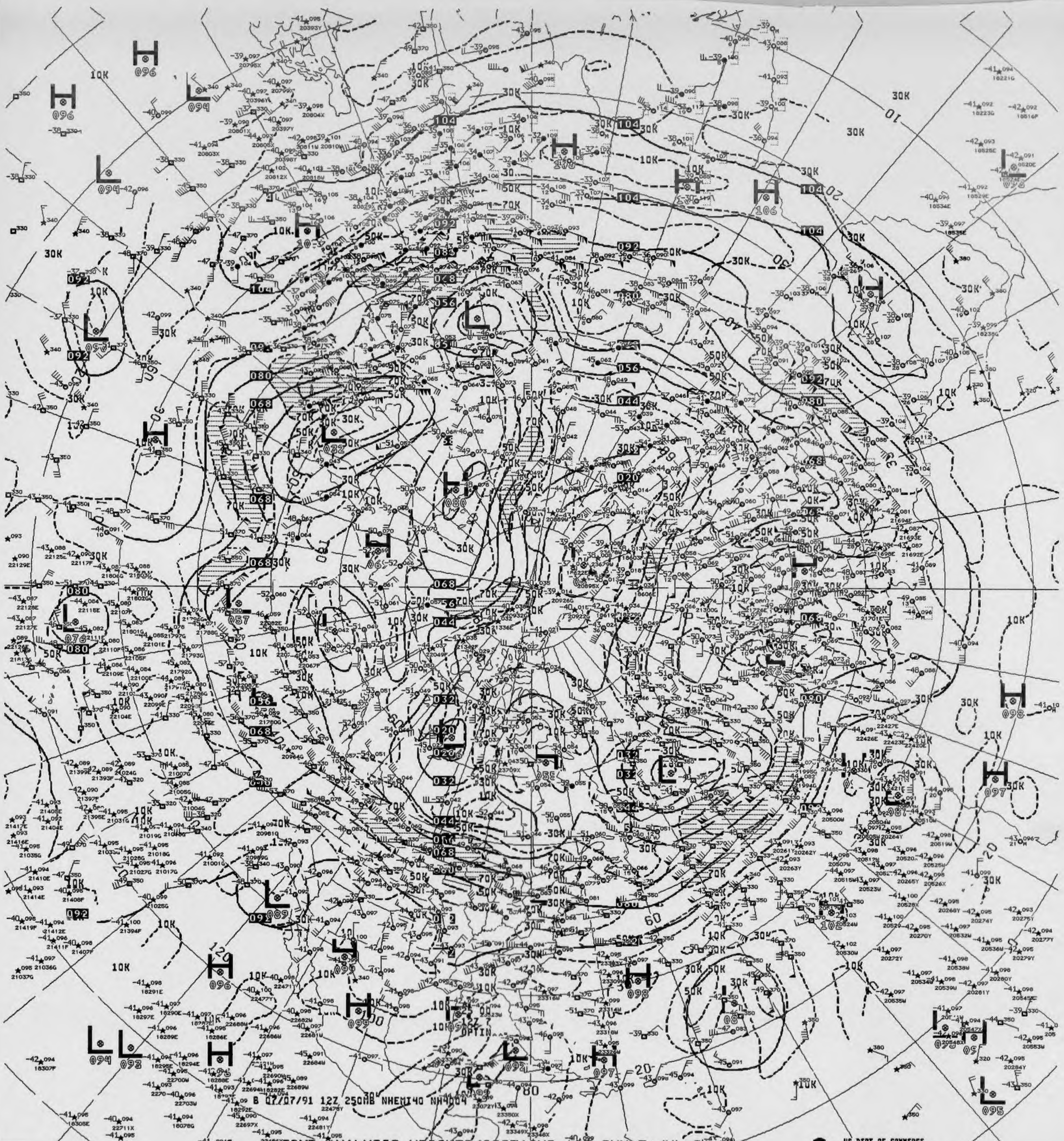
V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 7 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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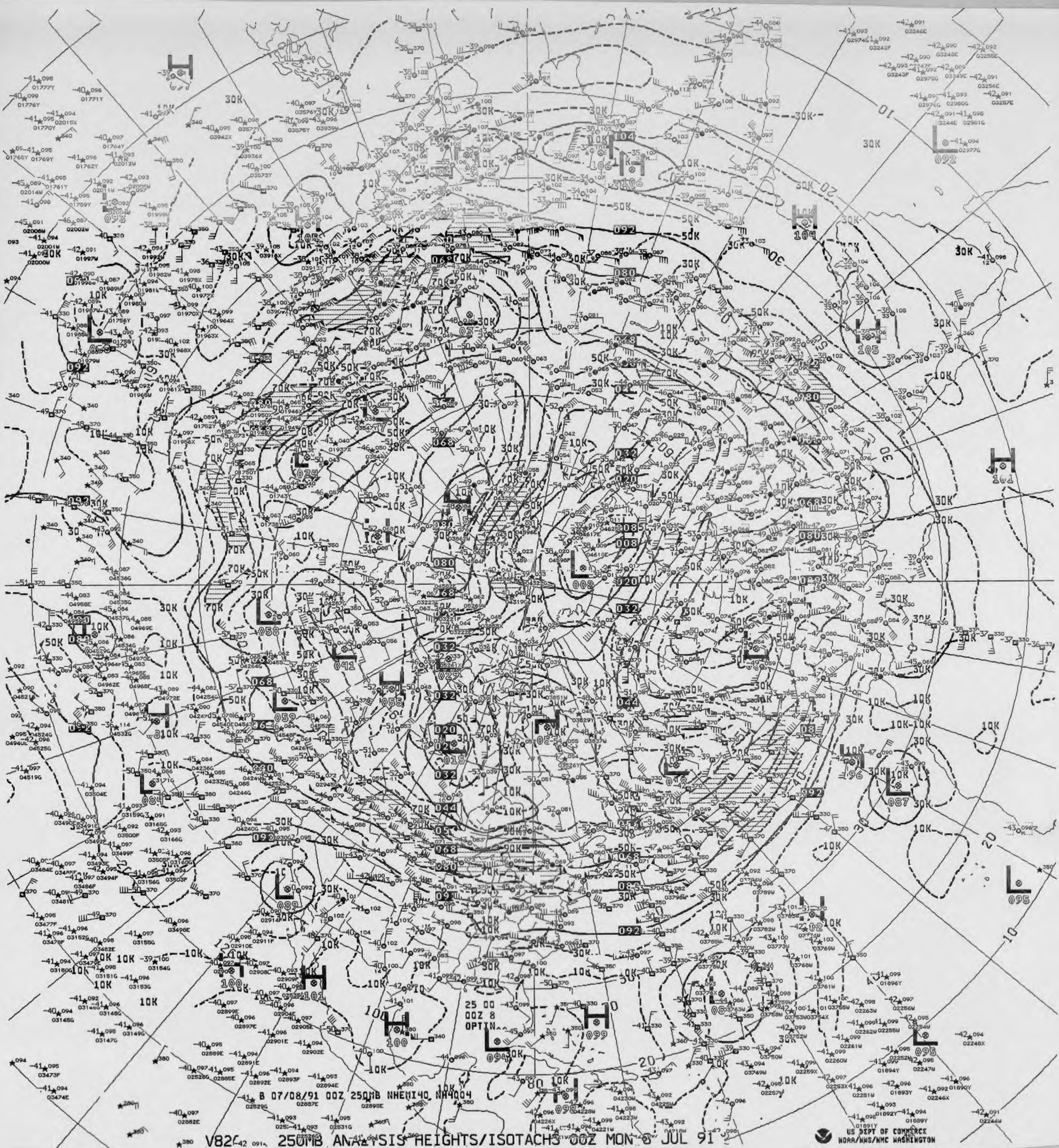
V876 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 7 JUL 91

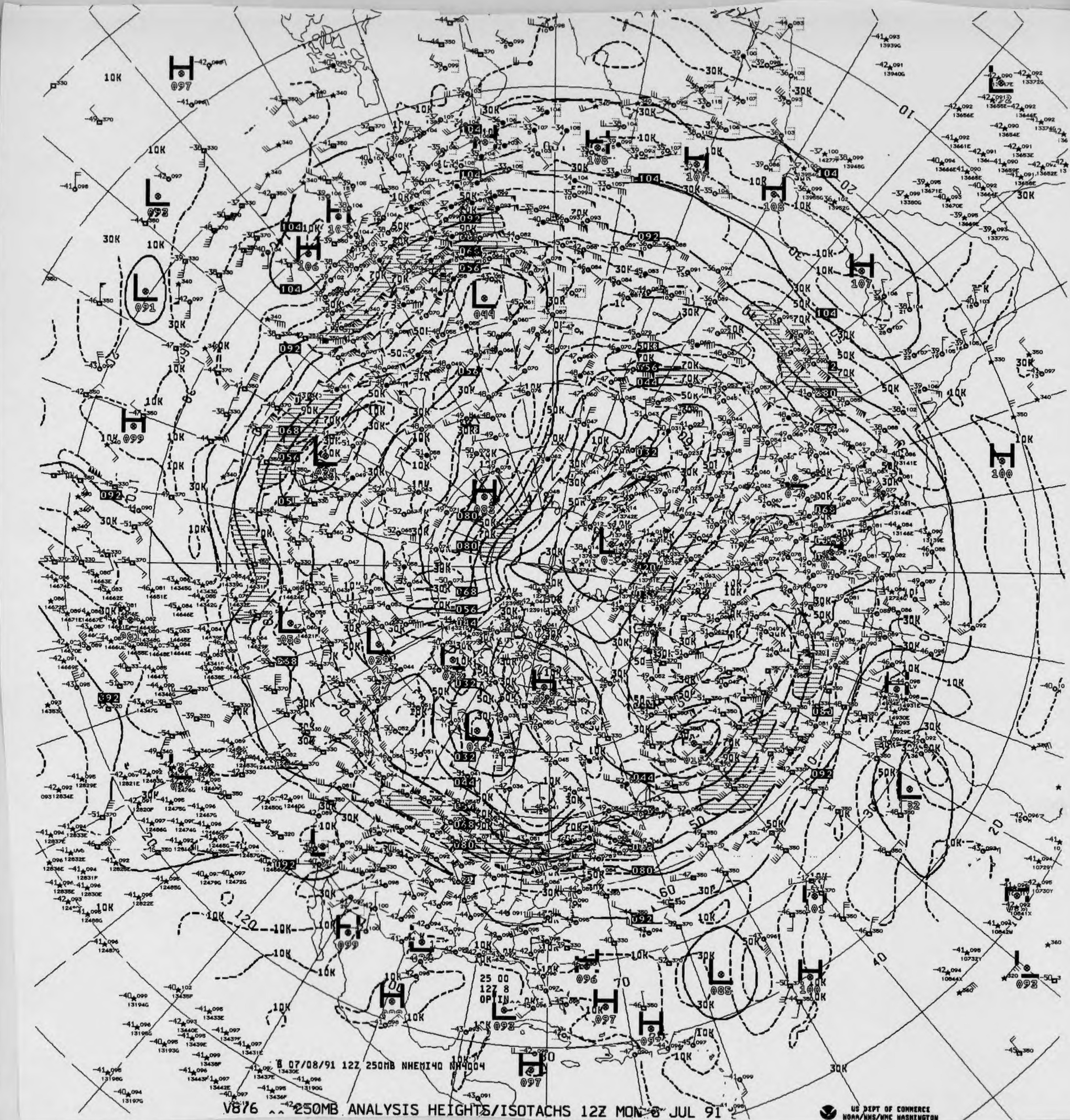
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/08/91 00Z 250MB NHEMI40 NH4004
25 00
00Z 8
OPTIN
H
L
10K
30K
50K
70K
10
20
30

V82 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 8 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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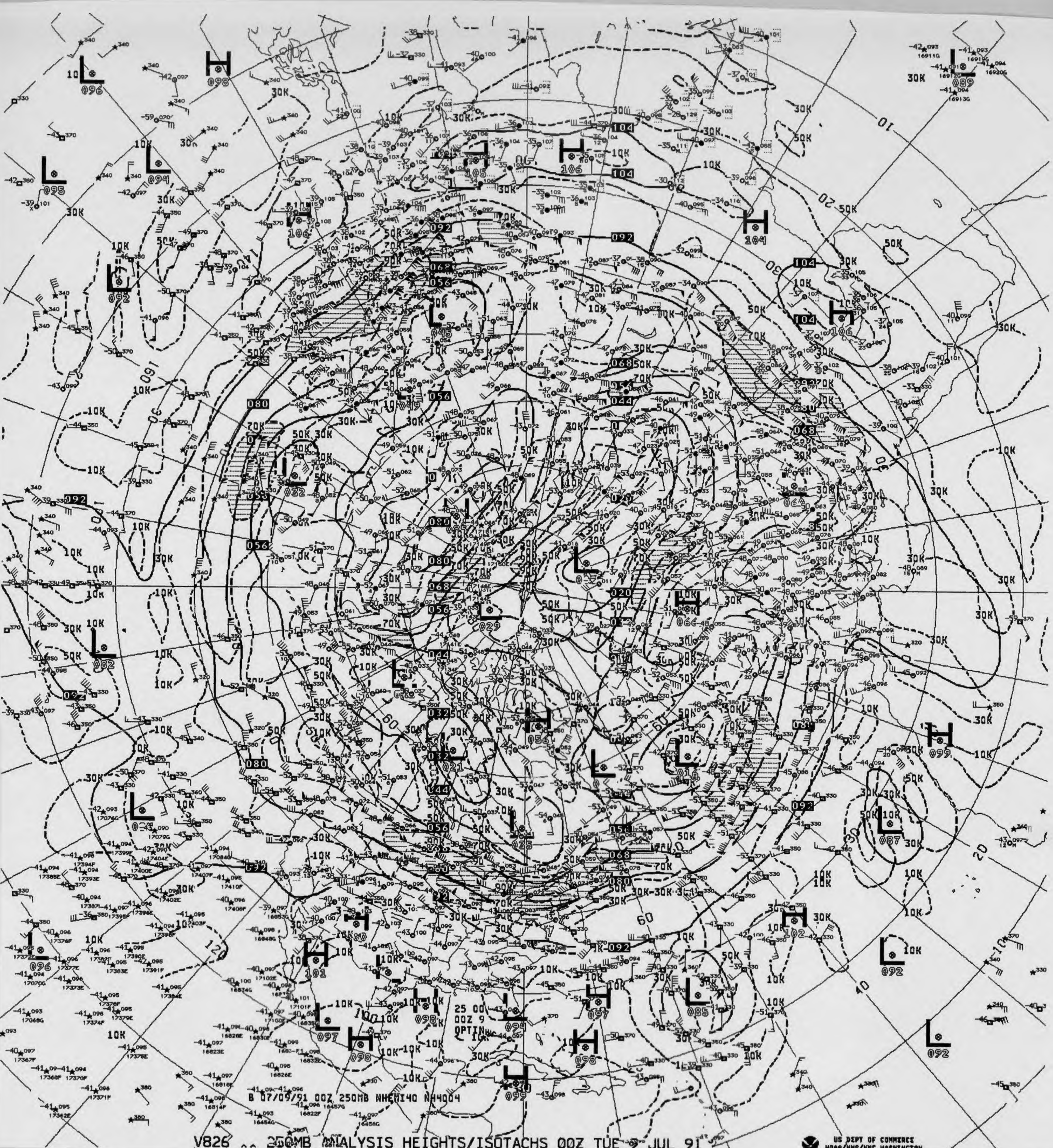
25 00
12Z 8
OPTIN
10K
30K
50K
70K
90K
H
L

V876 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 8 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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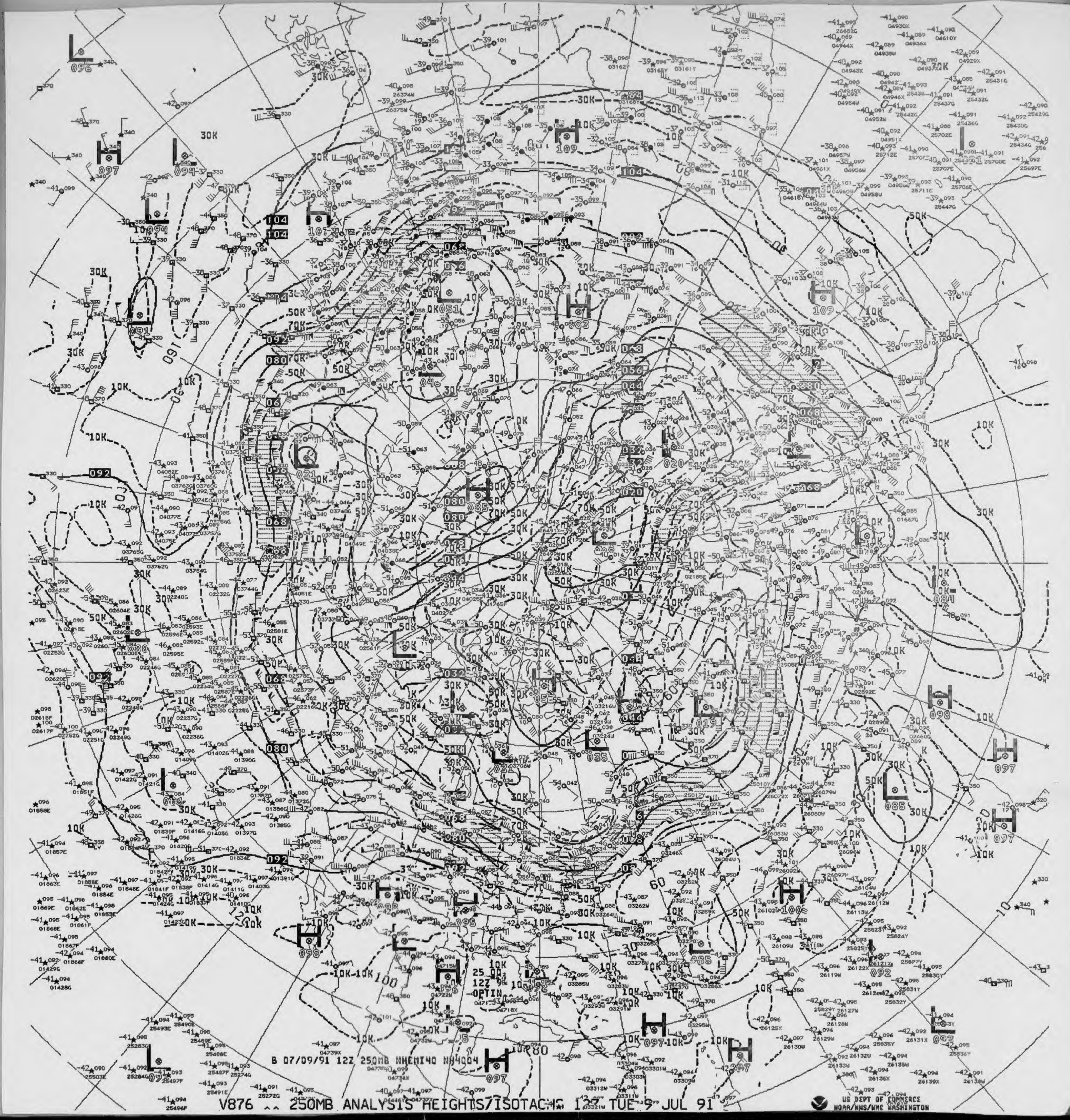
25 00
00Z 9
OPTIN
10K
30K
50K
70K
10
20
30
40
60
100
120
160

V826 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 9 JUL 91

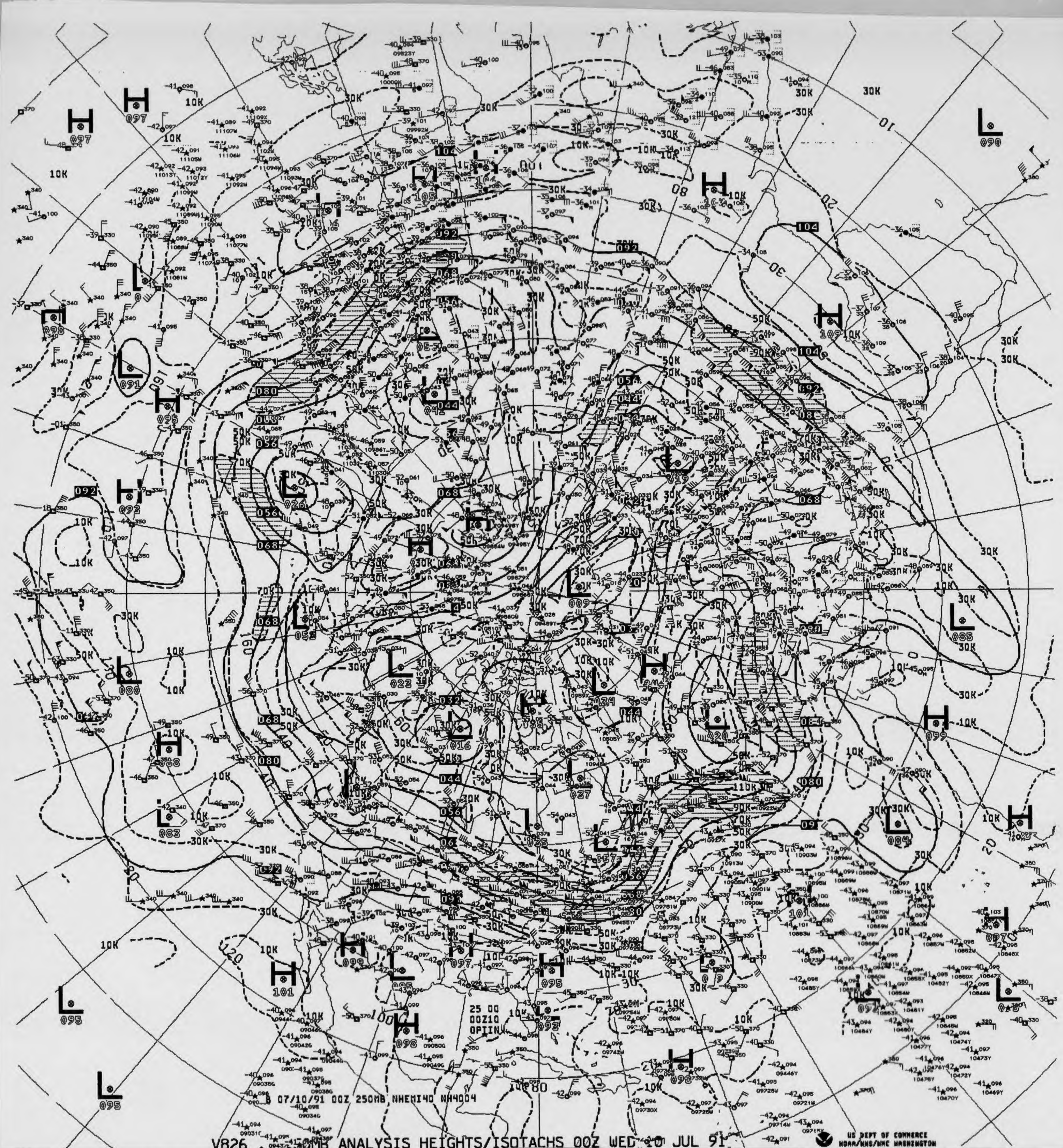
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/09/91 12Z 250MB NHEMI40 NH4004

V876 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 9 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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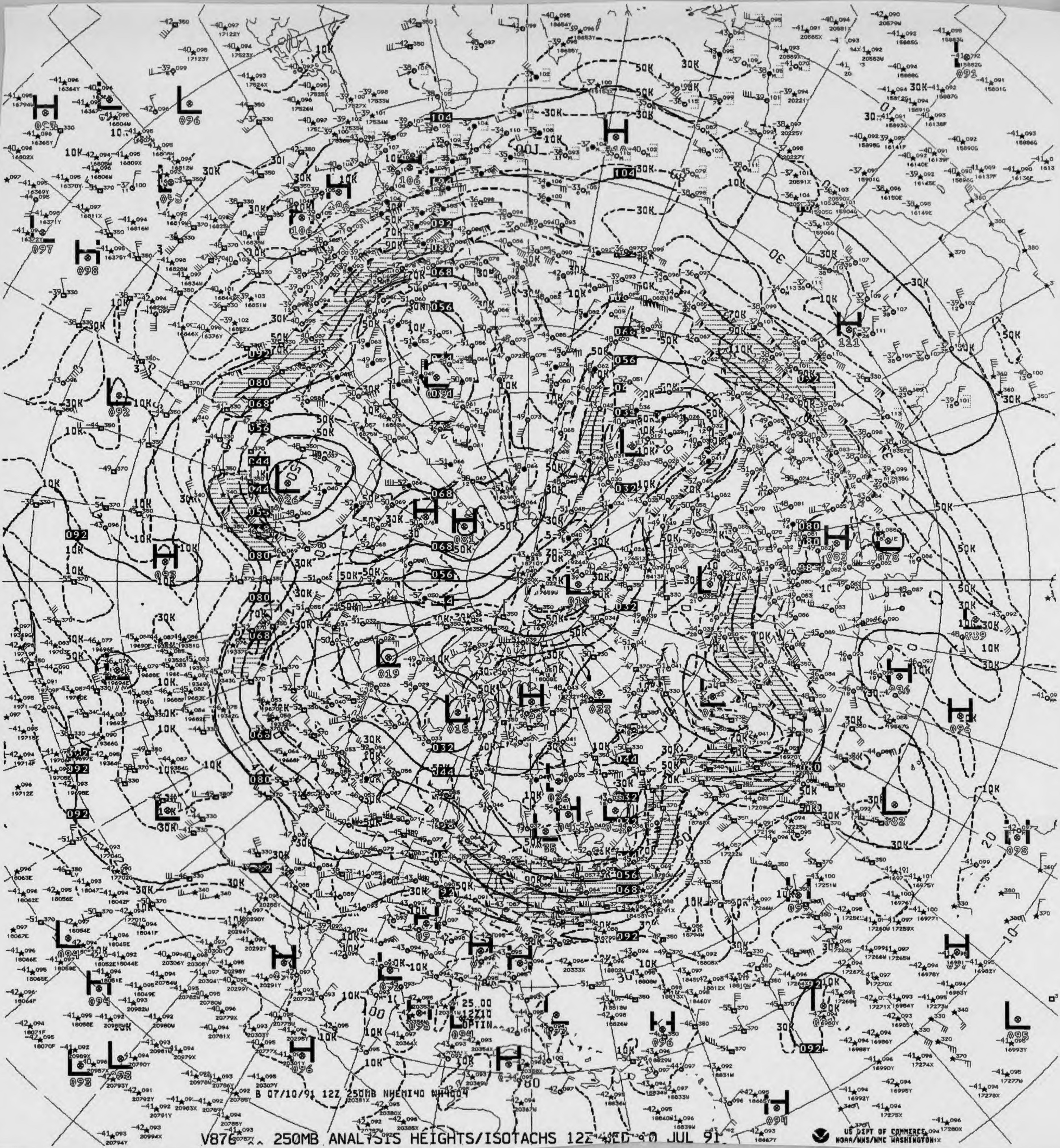
25 00
00Z10
OPTIN

V826 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 10 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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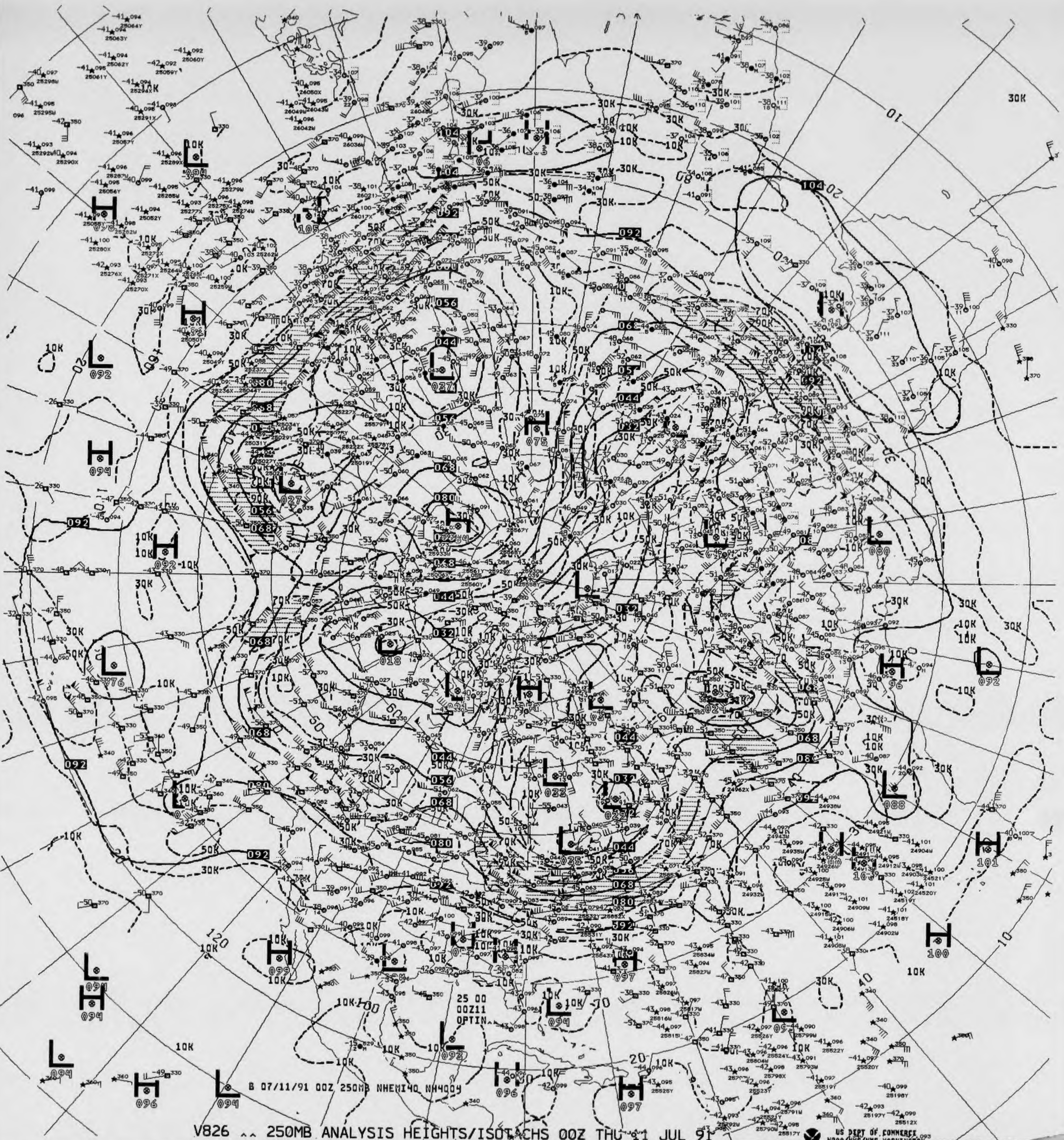
V876 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 10 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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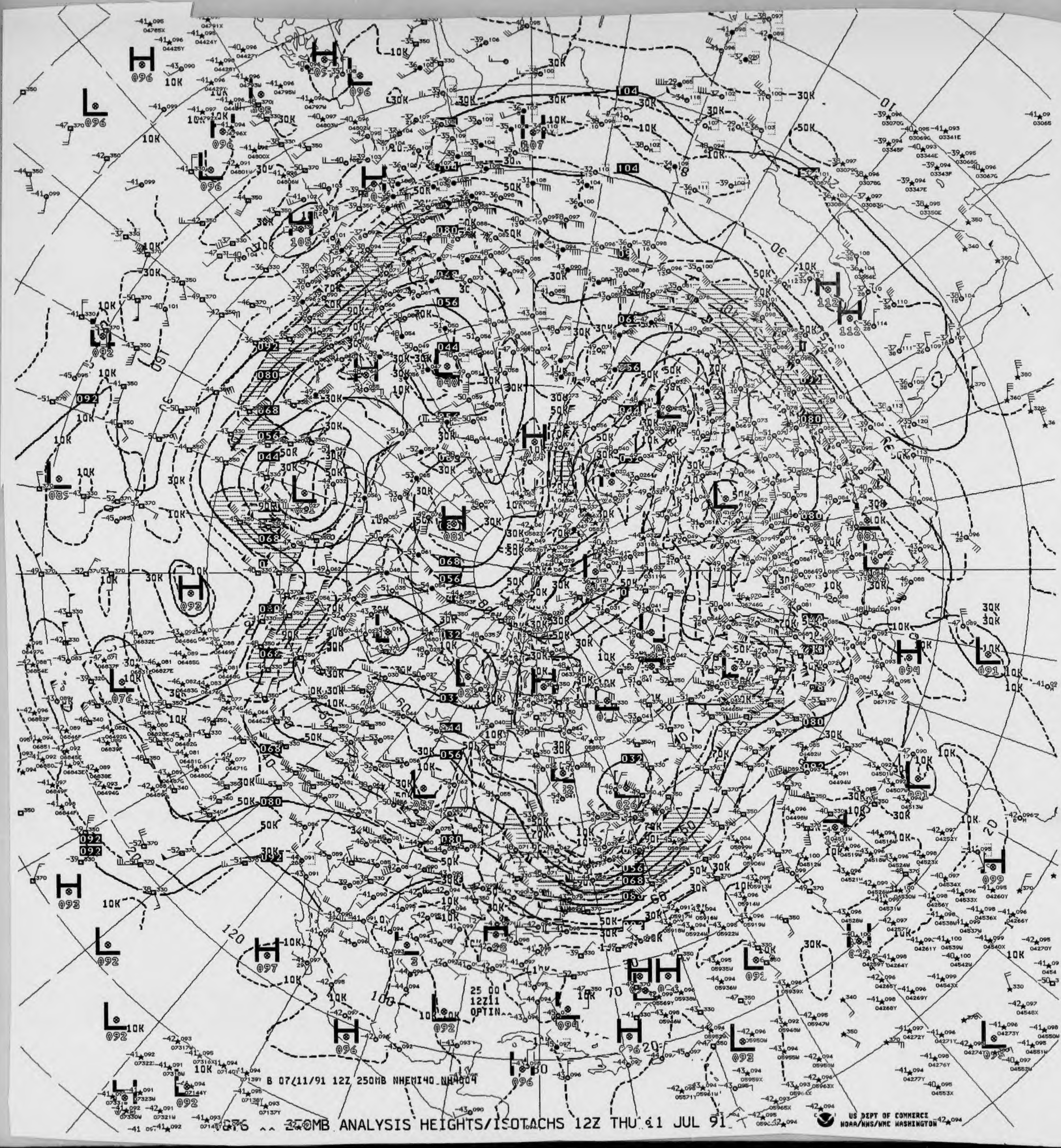
00Z11
OPTIN.
H
L
30K
50K
70K
90K
10K

V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 11 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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12Z11
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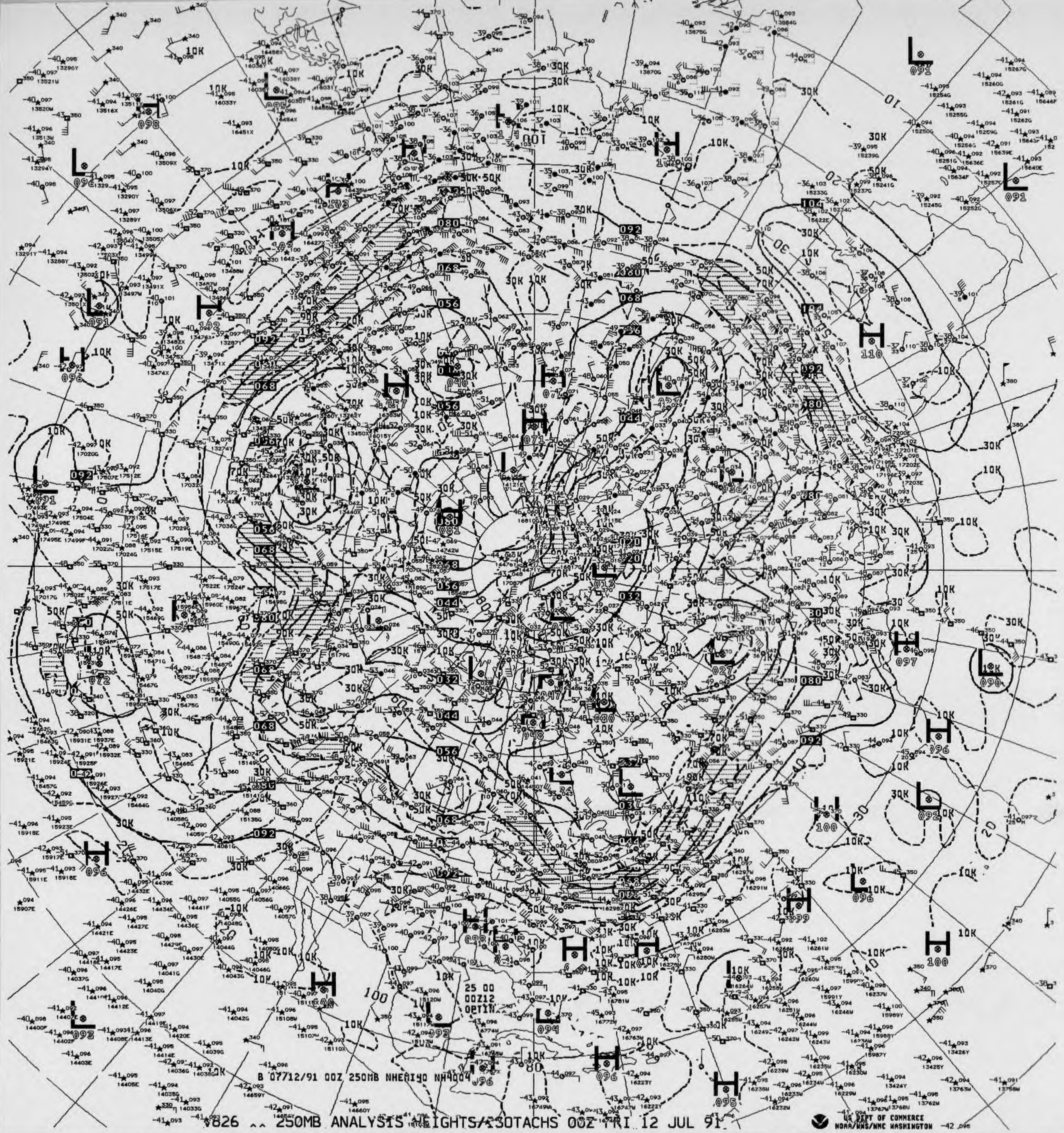
676 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 11 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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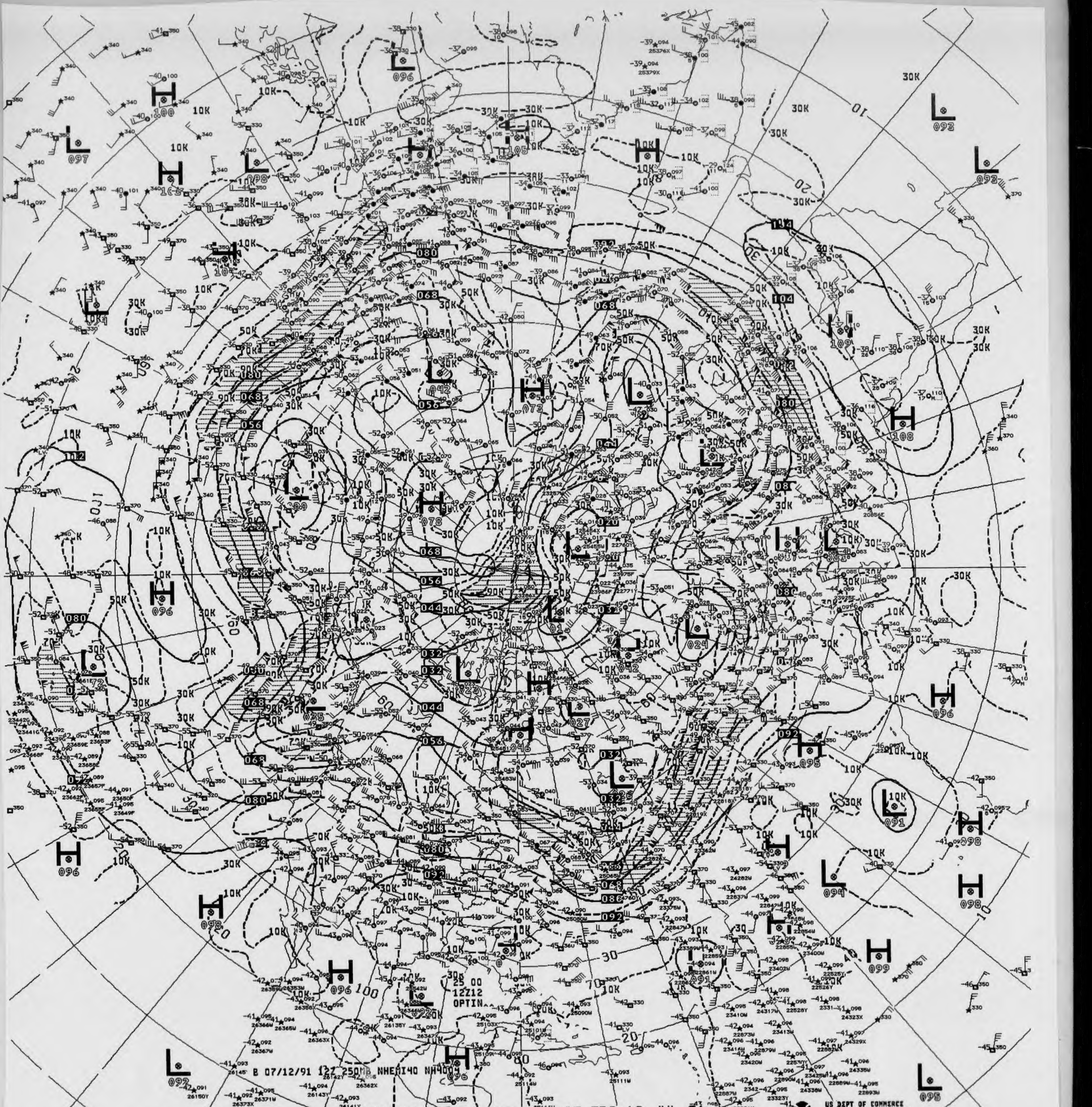
V826 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 12 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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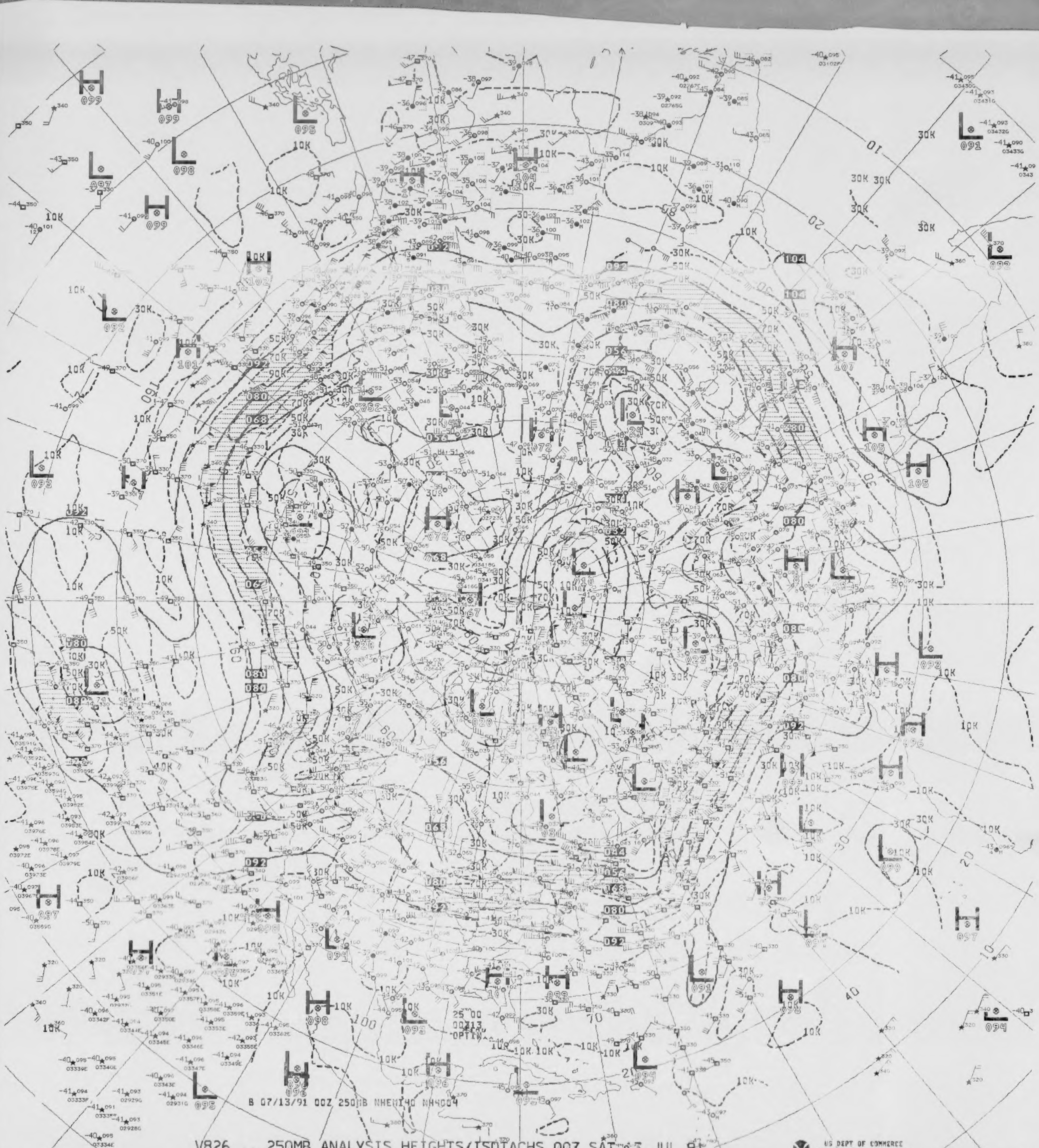
V678 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 12 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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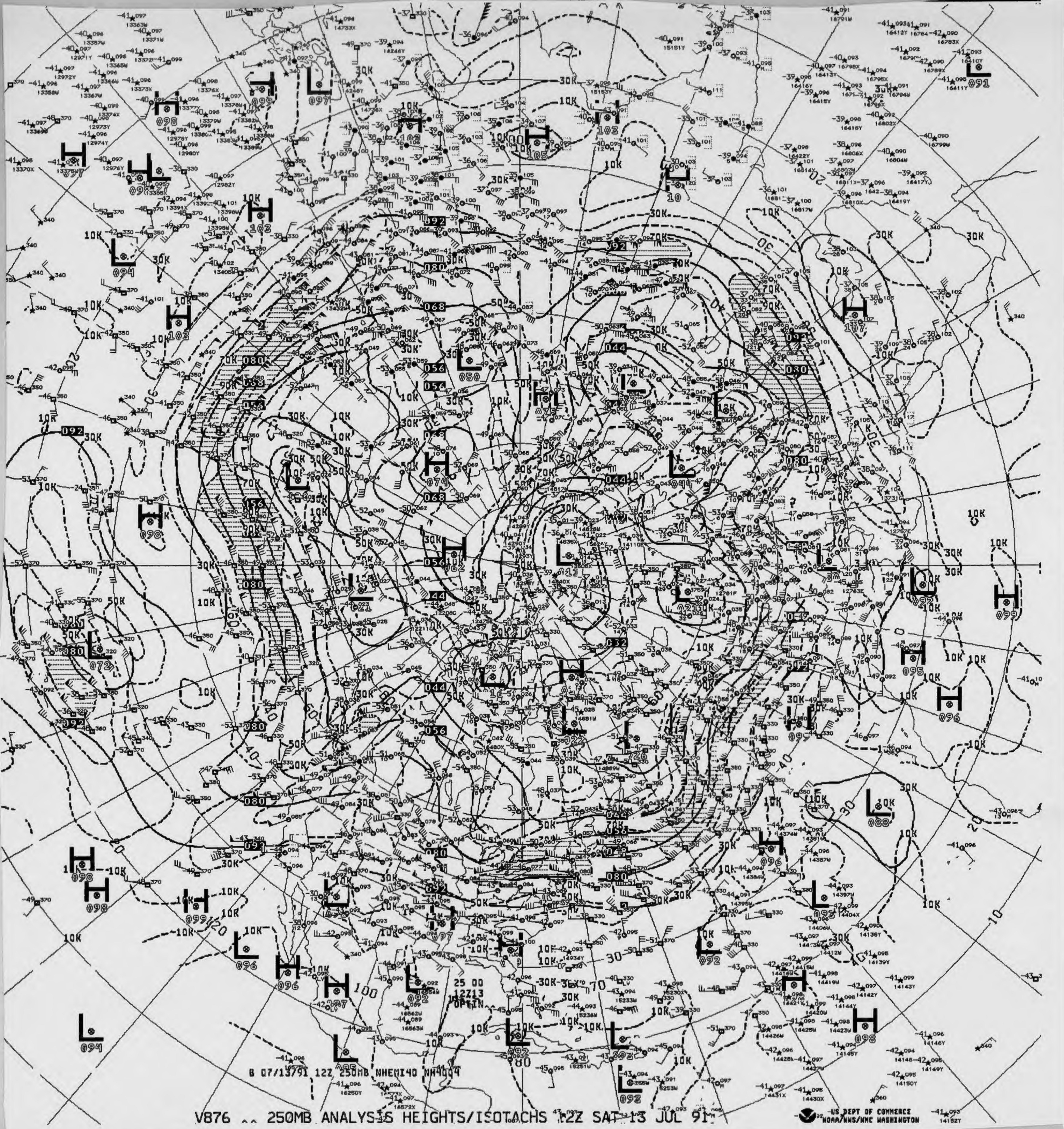
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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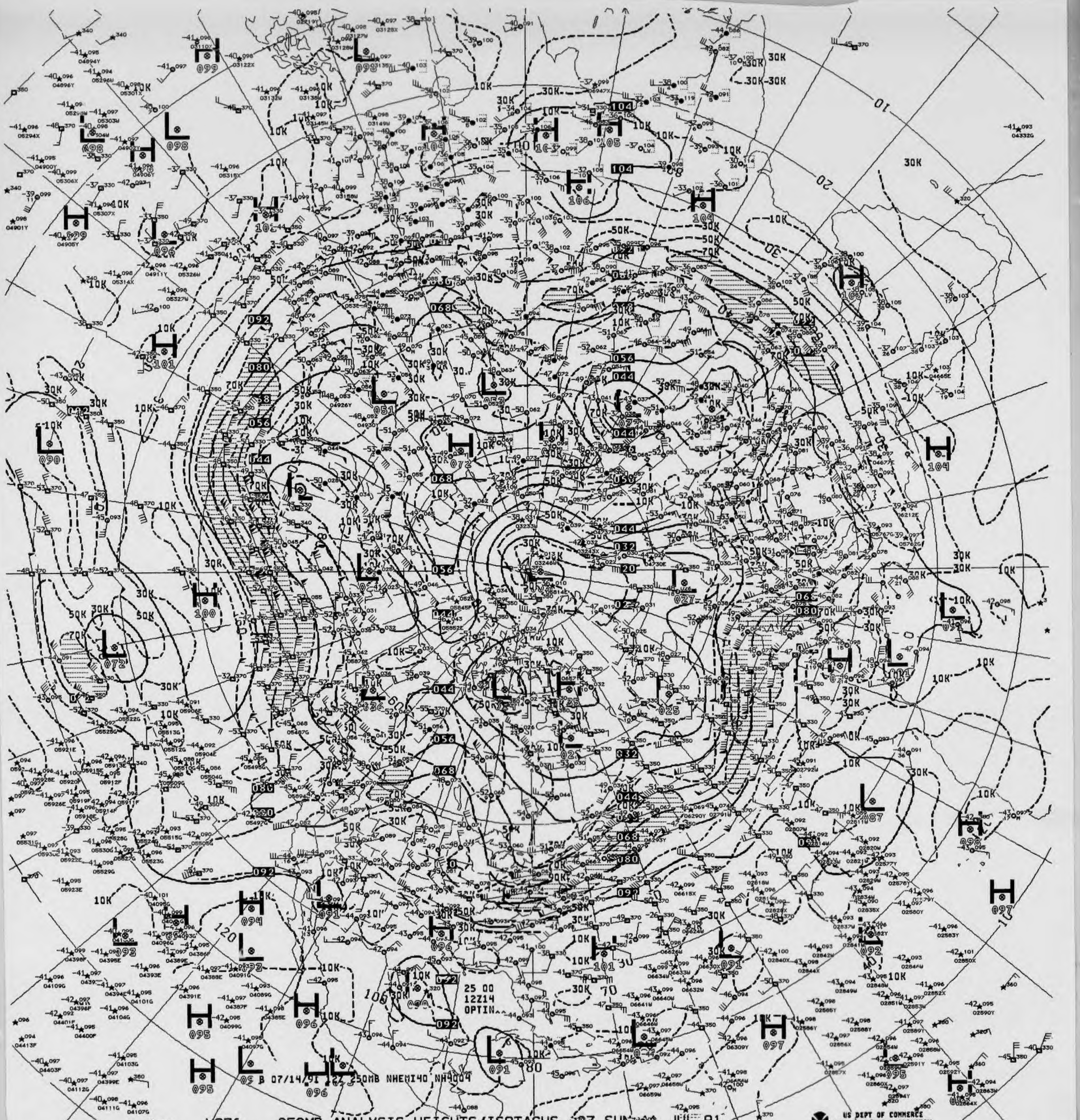
V876 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 13 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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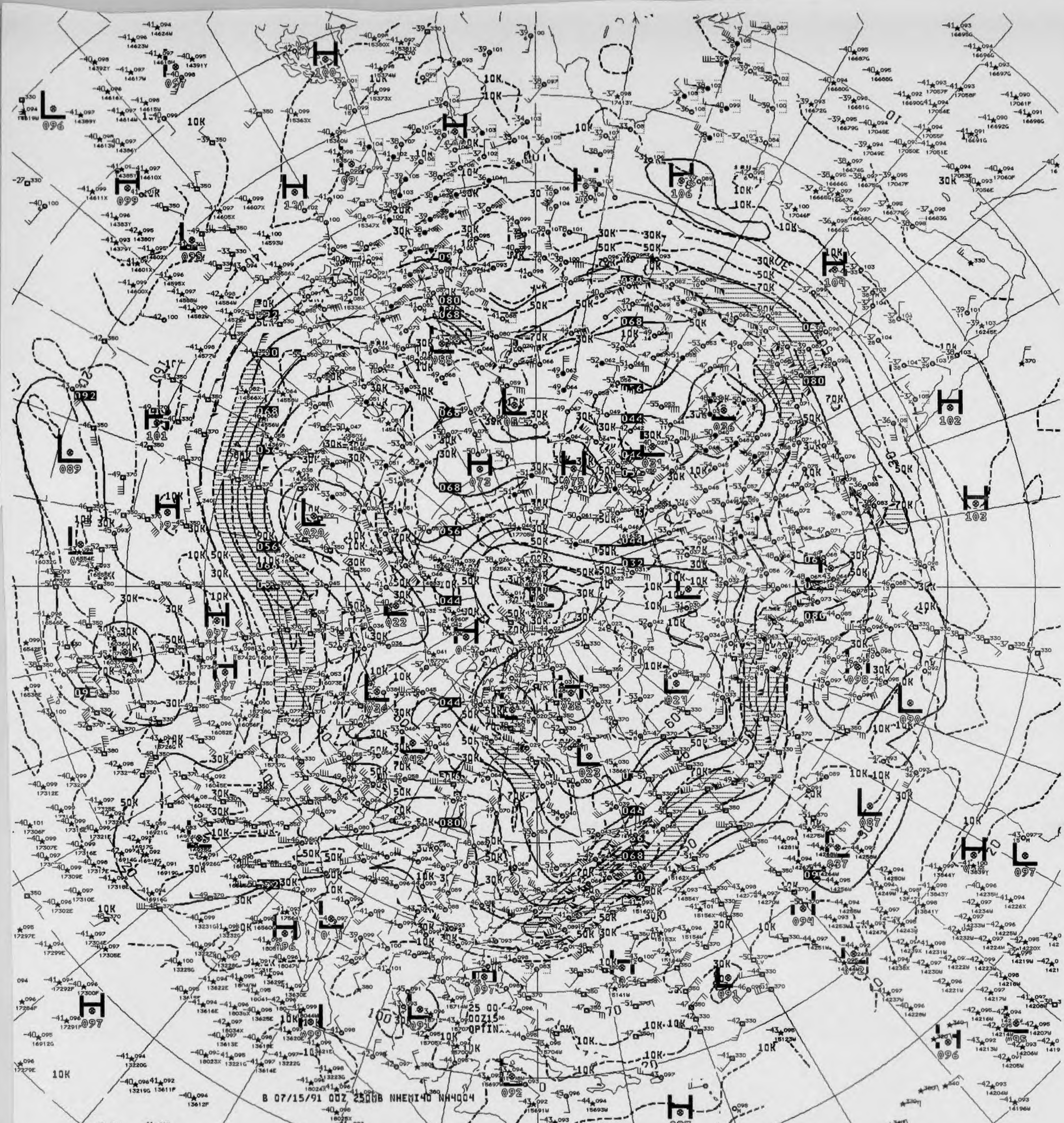
V876 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 14 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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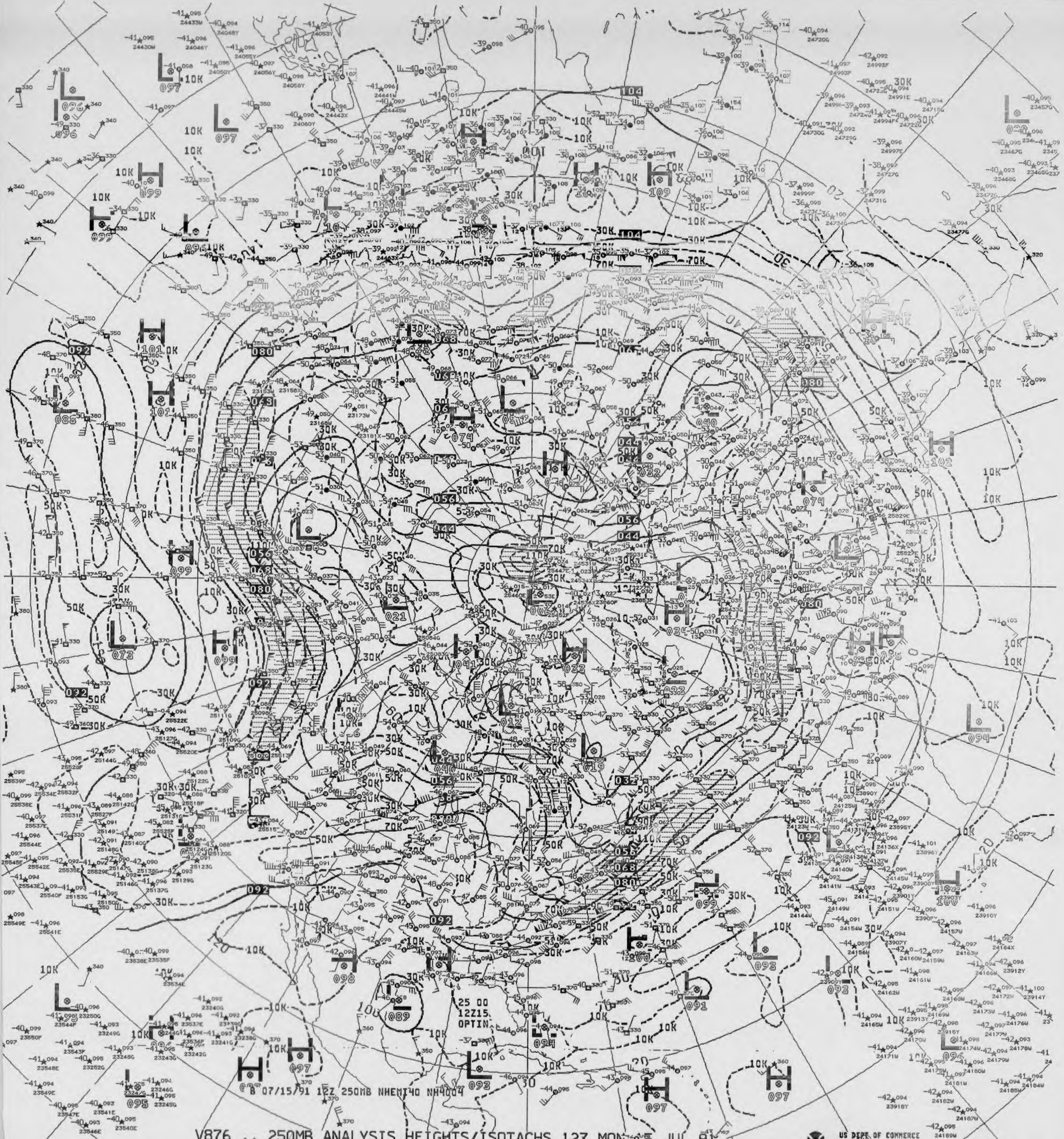
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 15 JUL 91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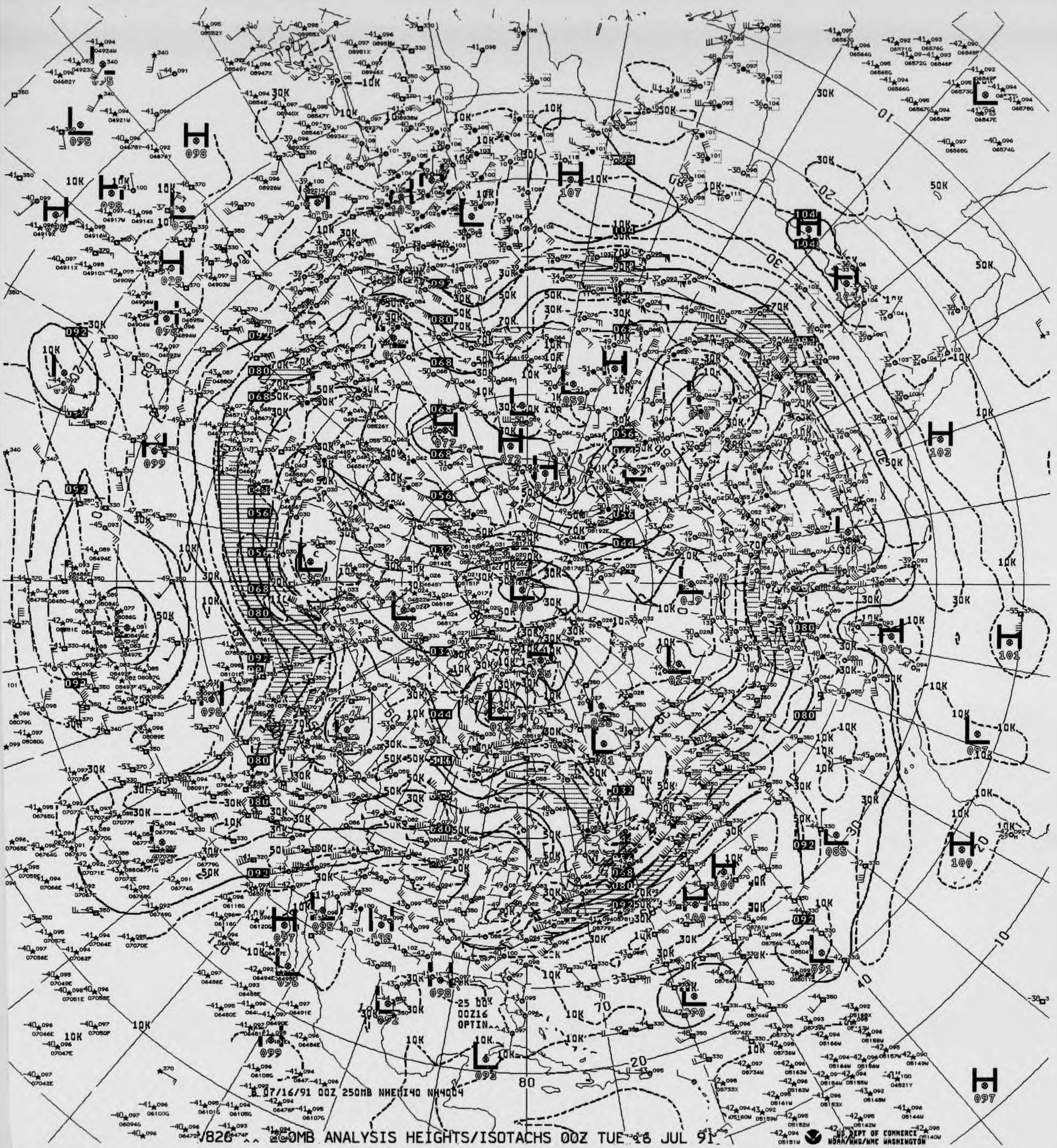
V876 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 15 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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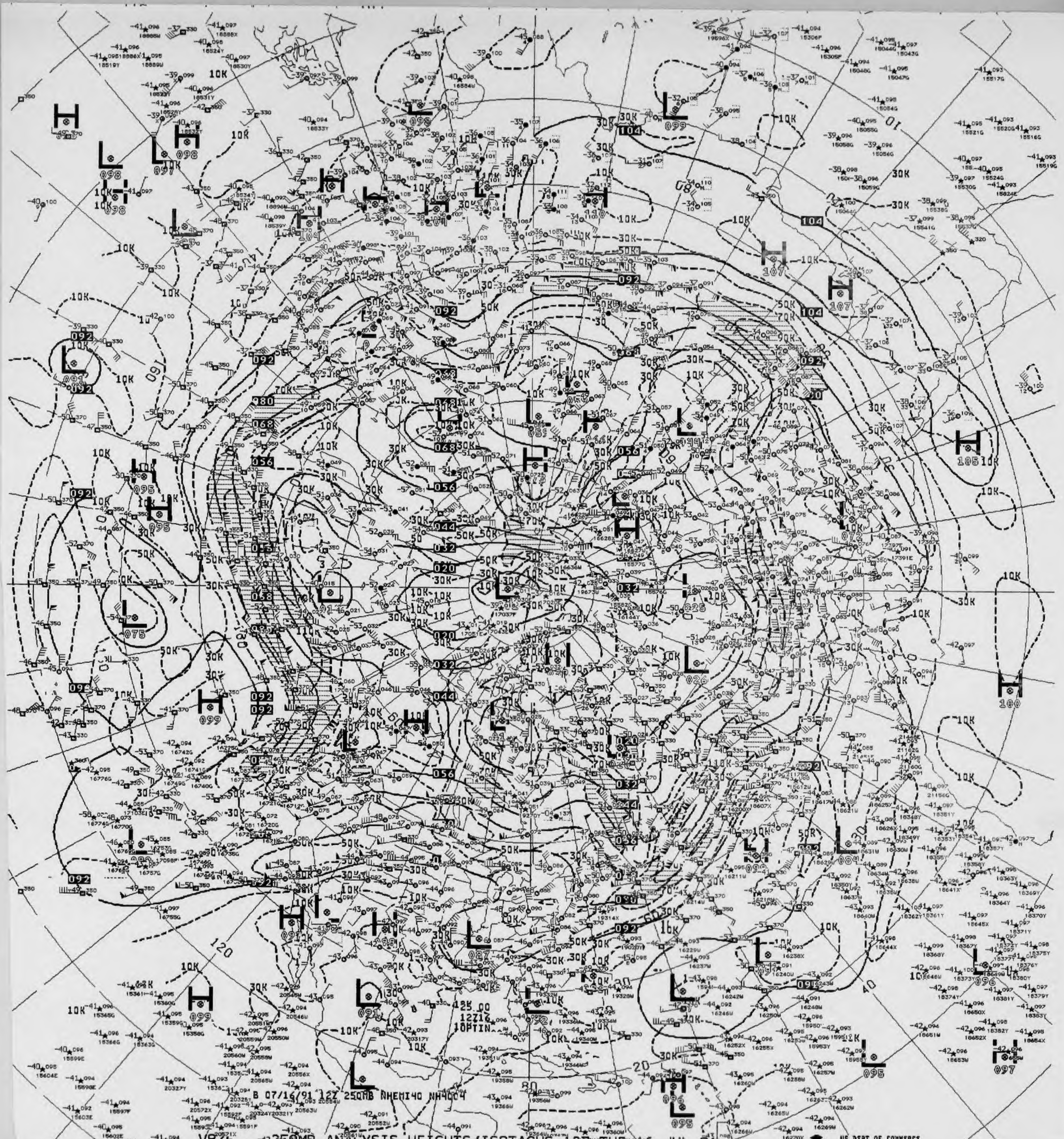
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 16 JUL 91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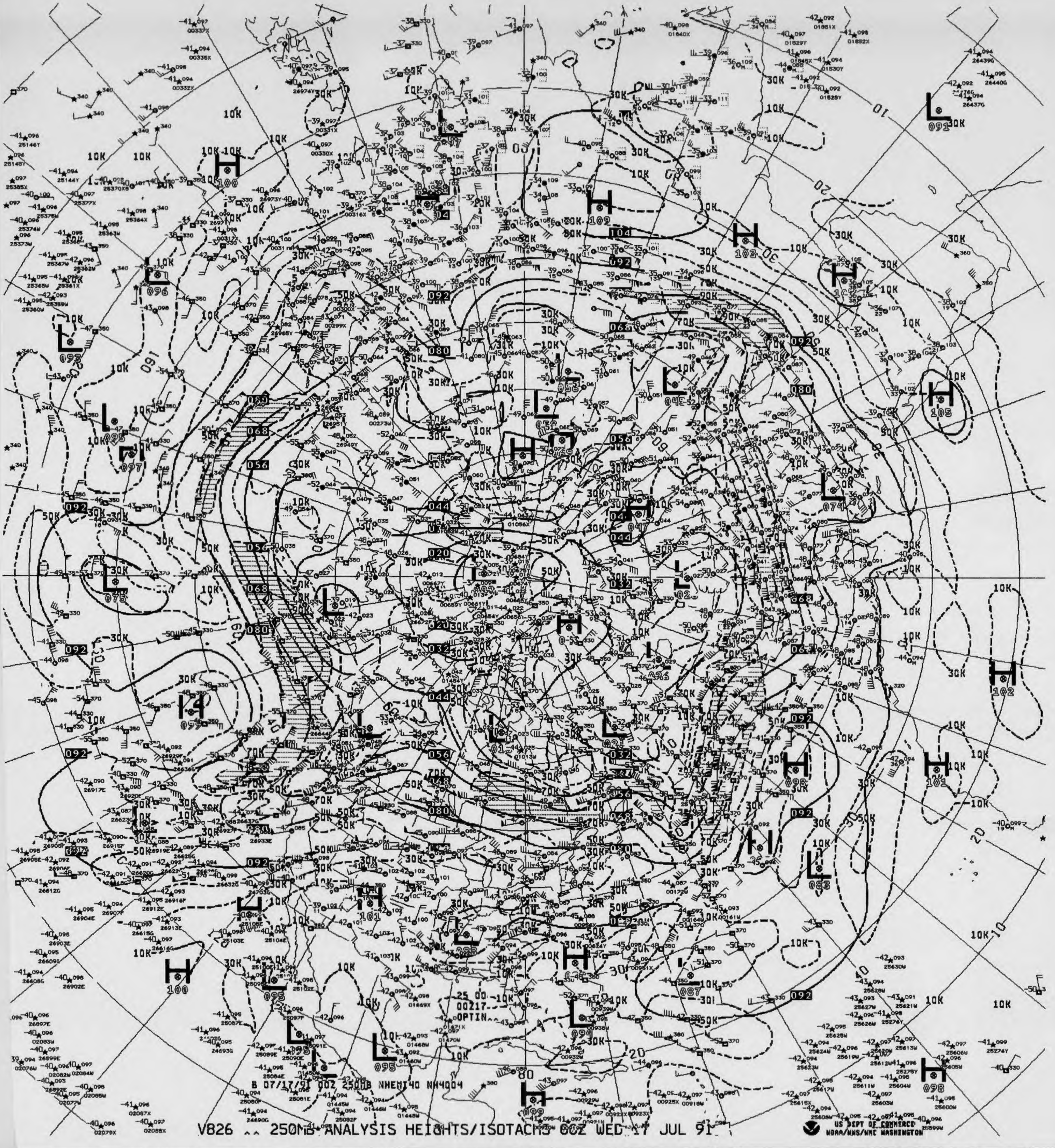
V876 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 16 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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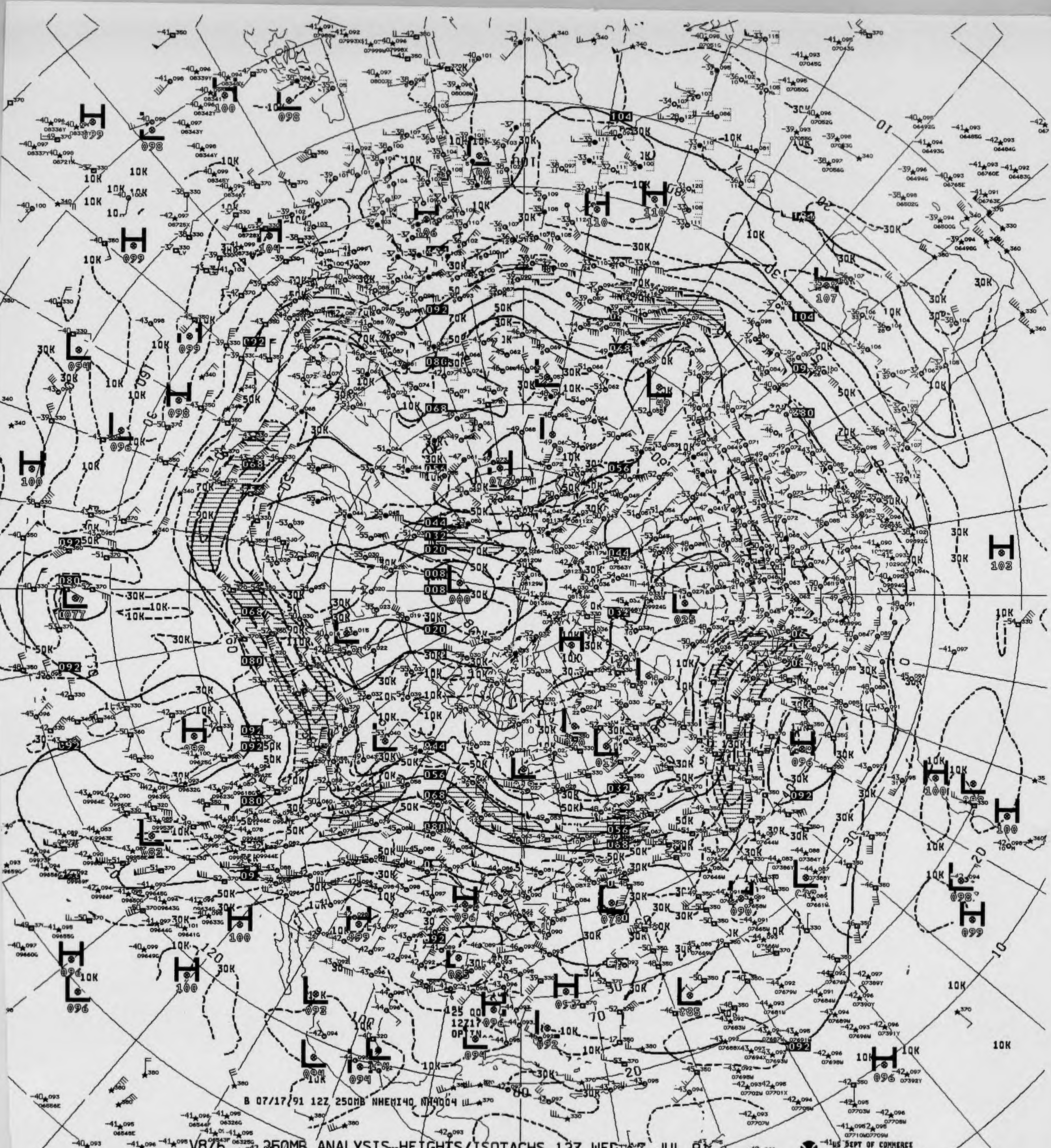
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 17 JUL 91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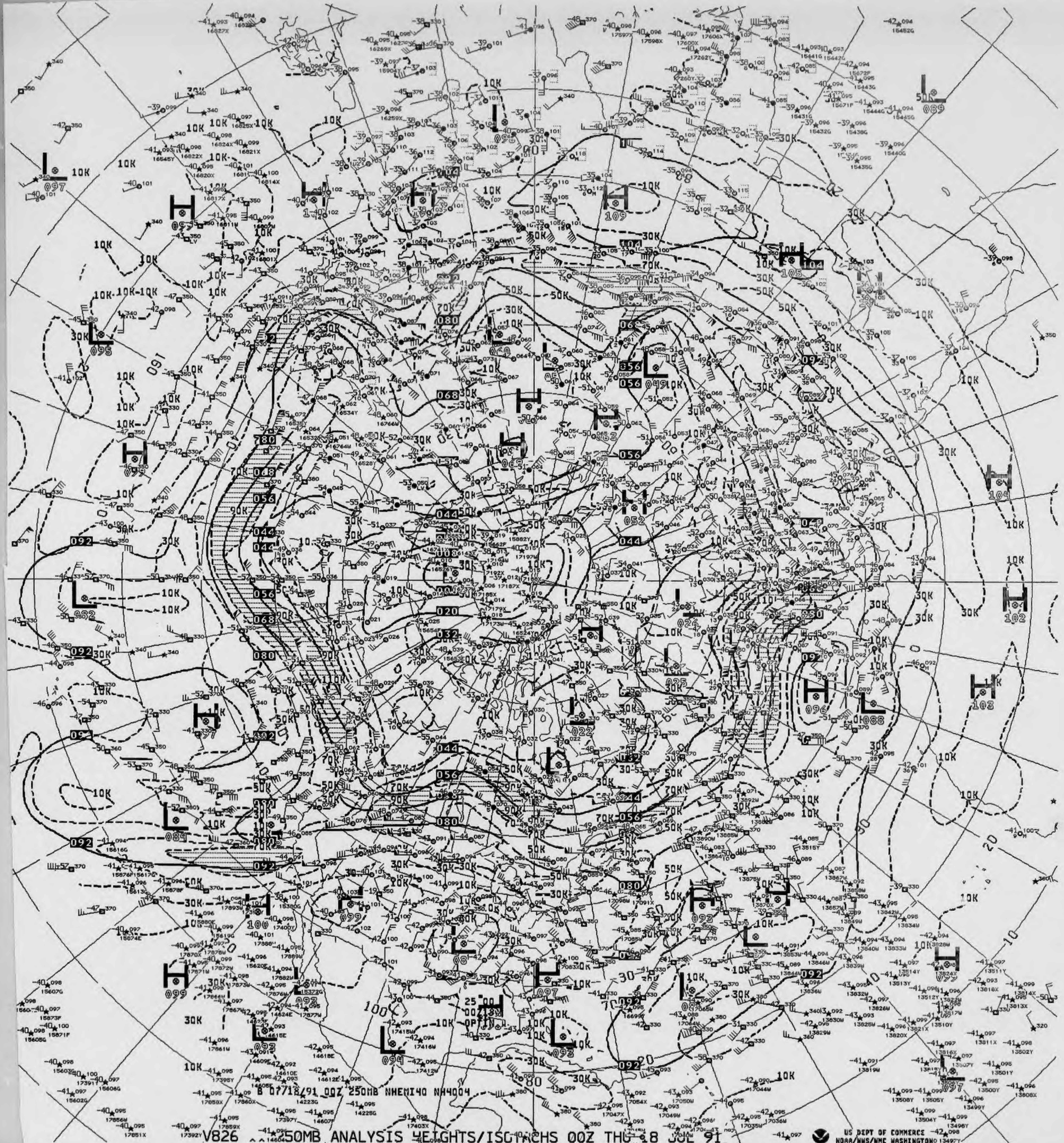
V876 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 17 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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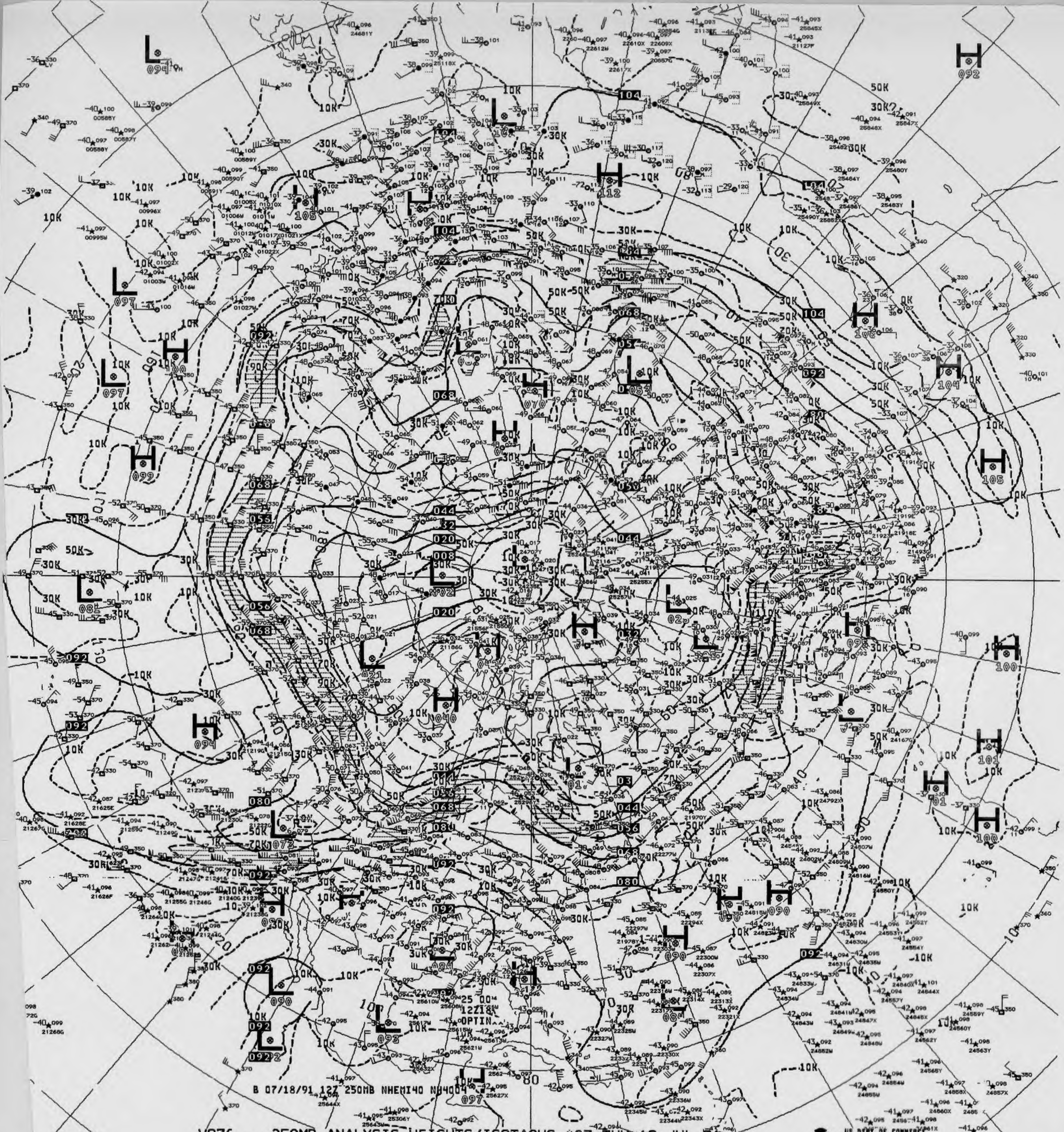
V826 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 18 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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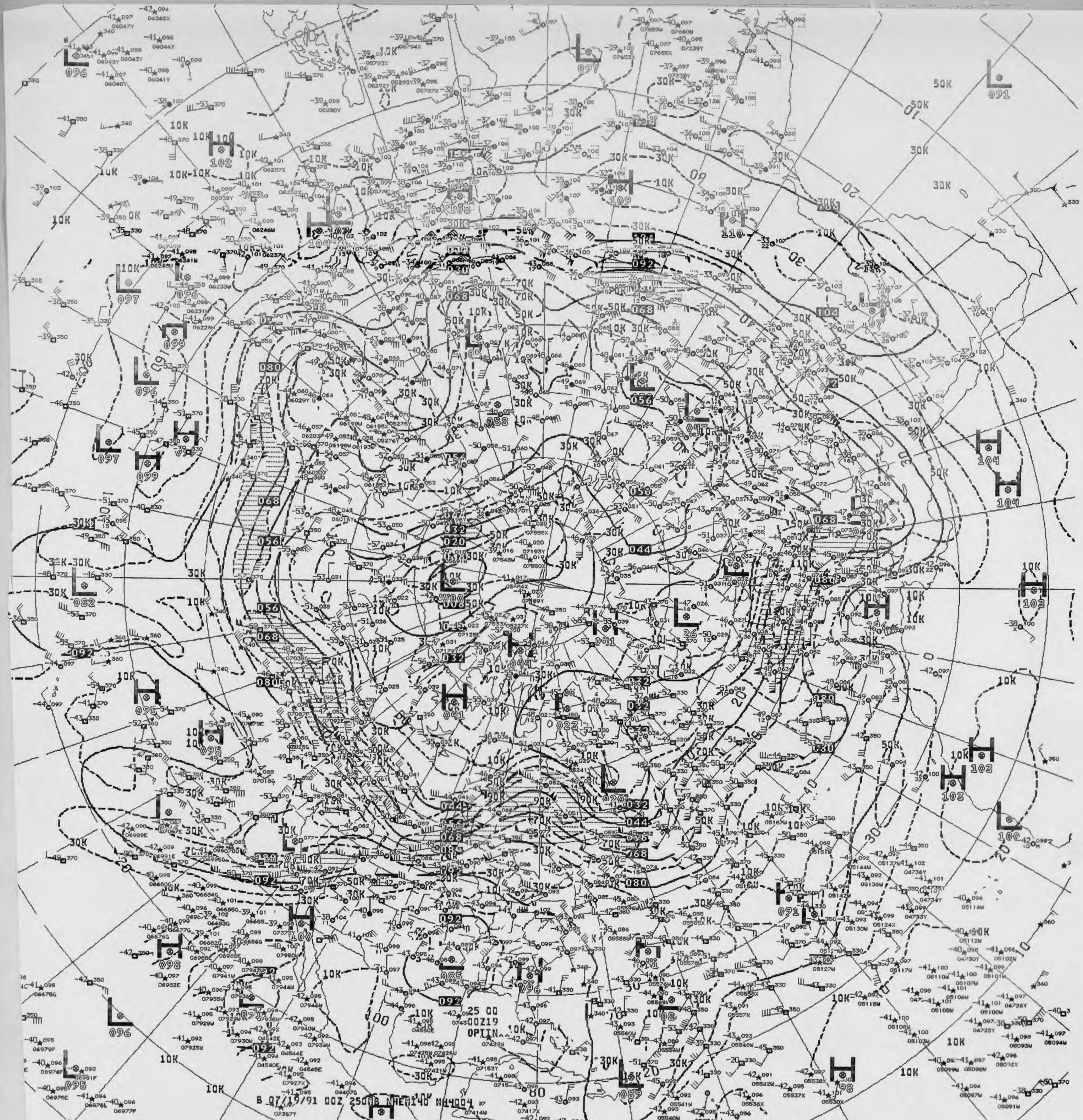
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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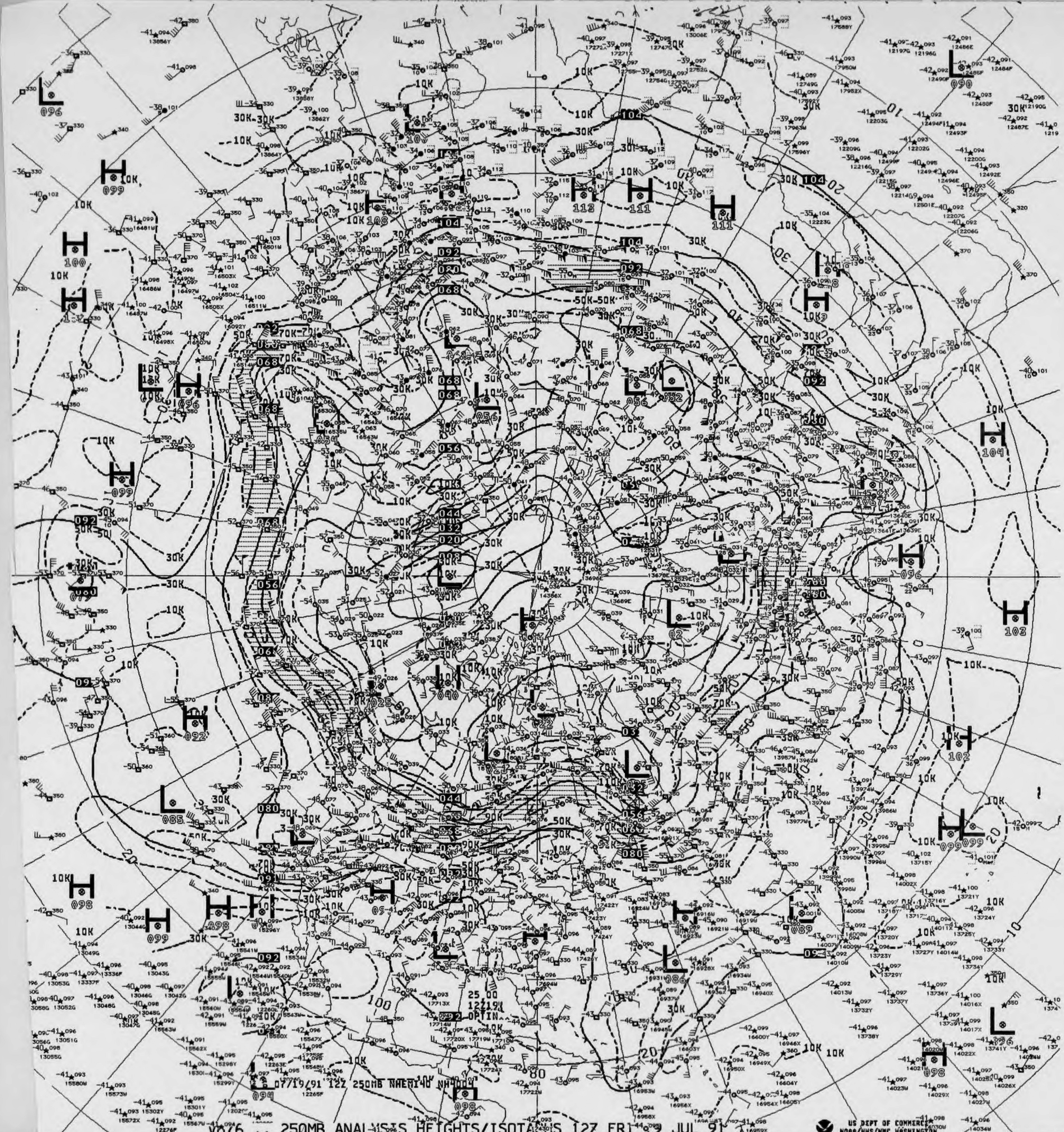
V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 19 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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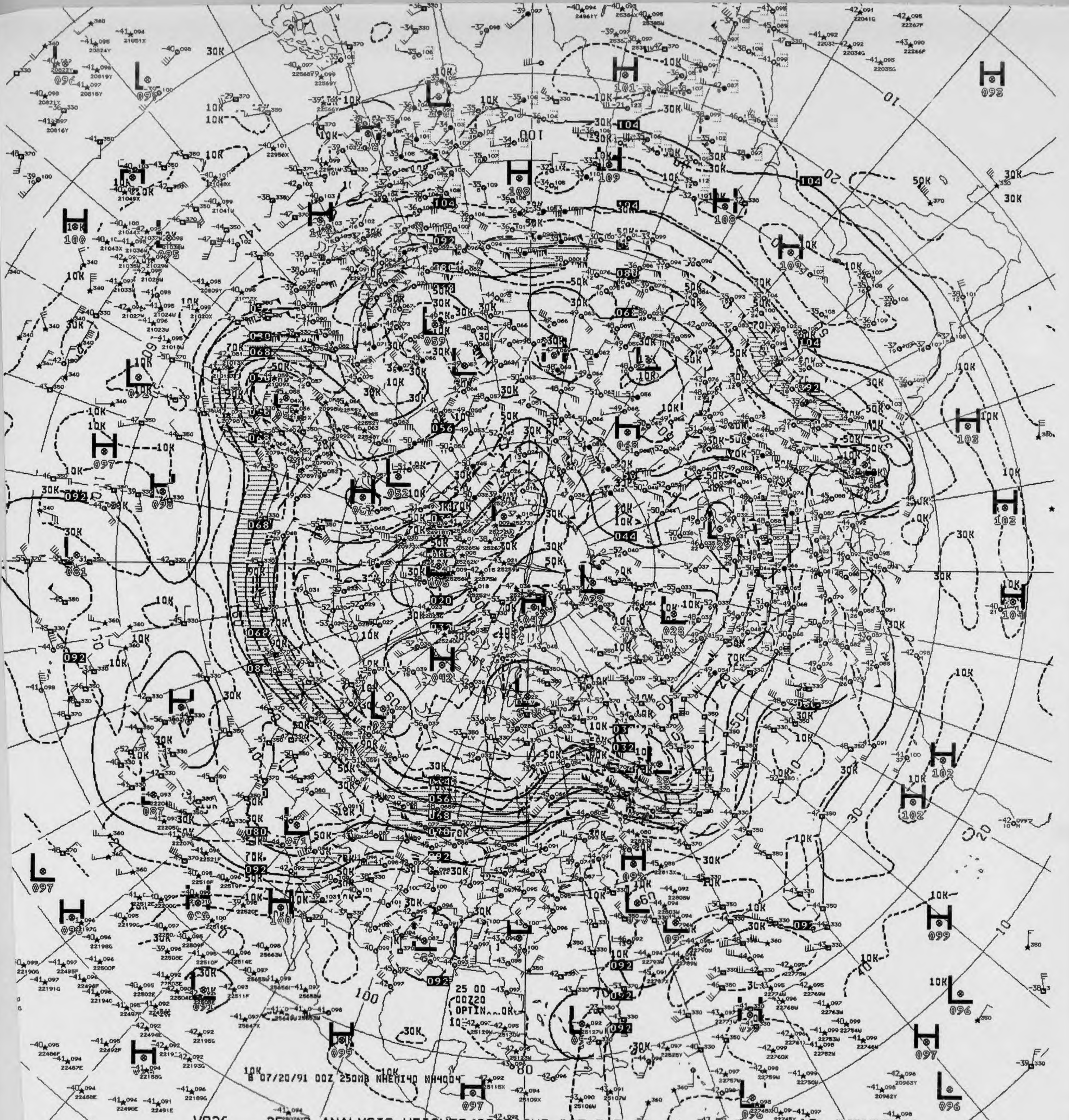
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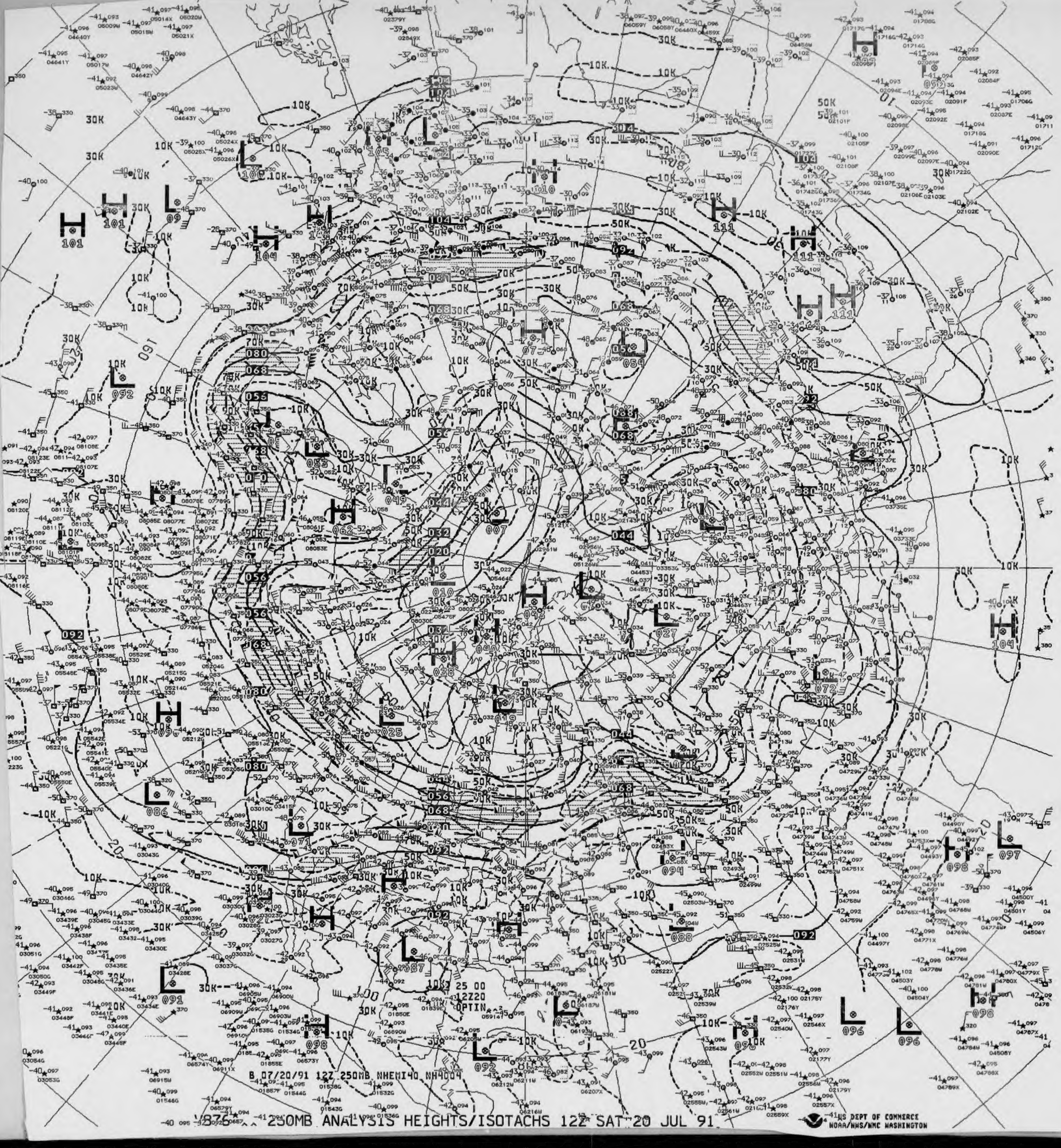
V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 20 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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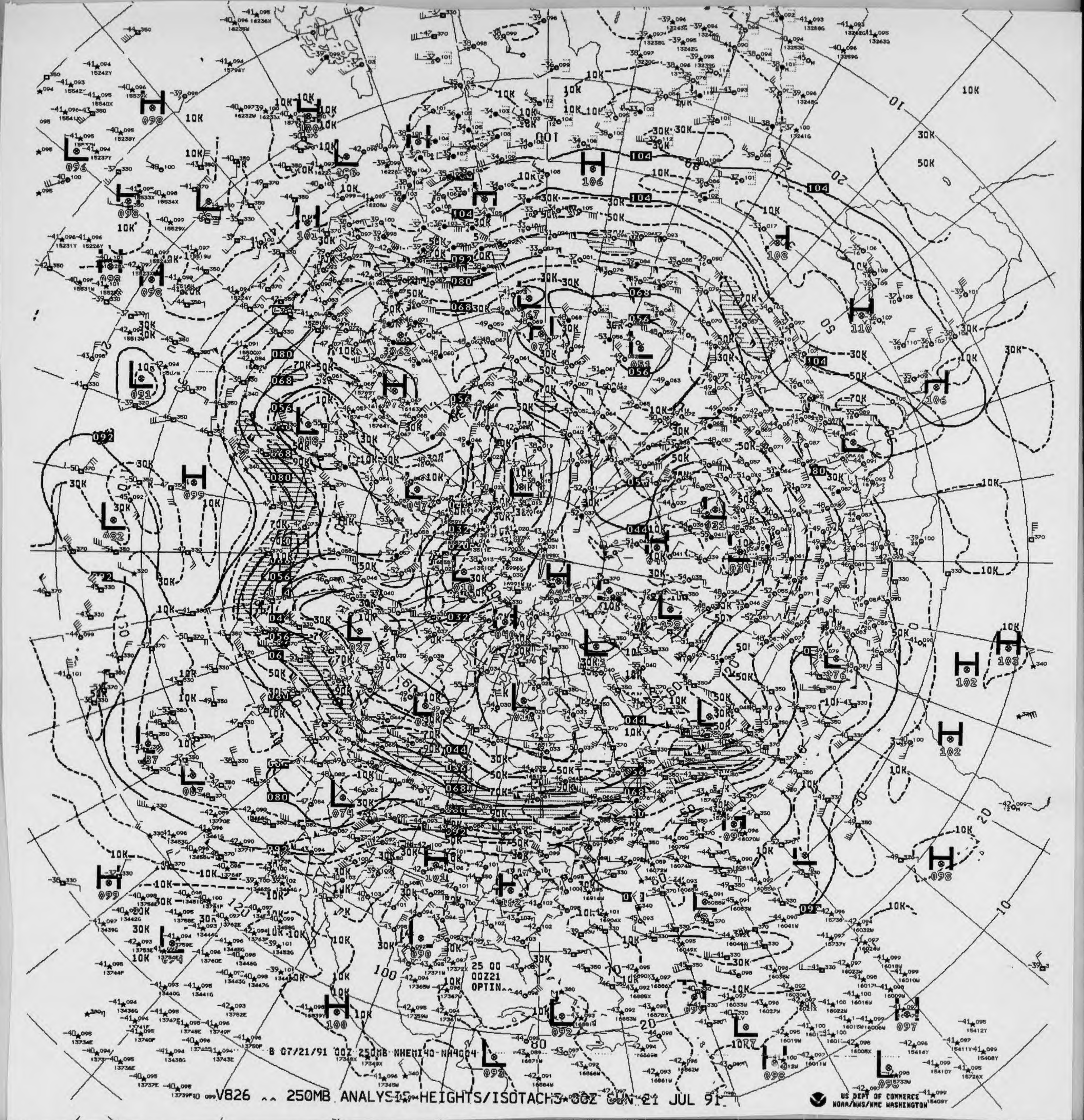
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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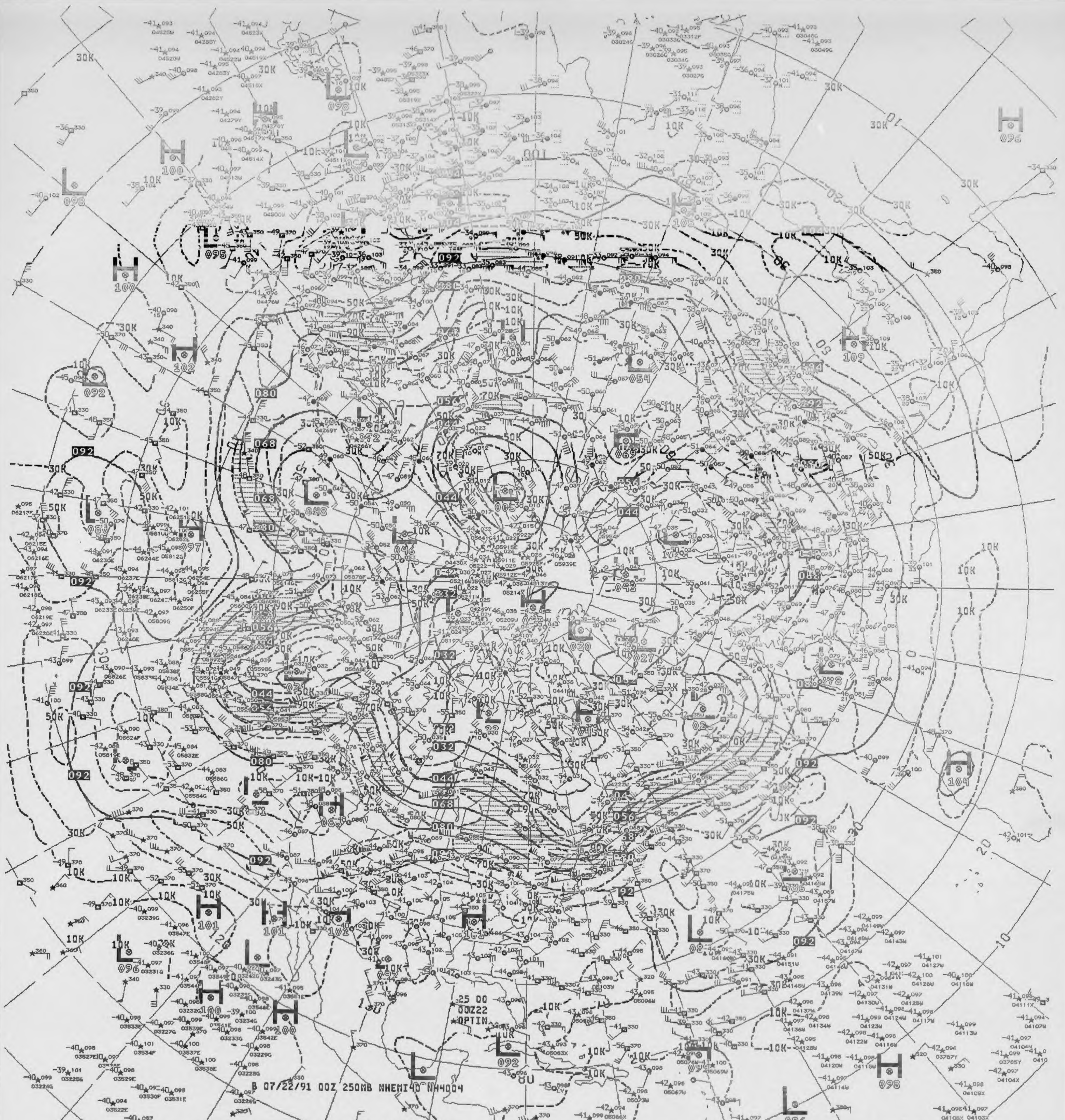
V826 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 21 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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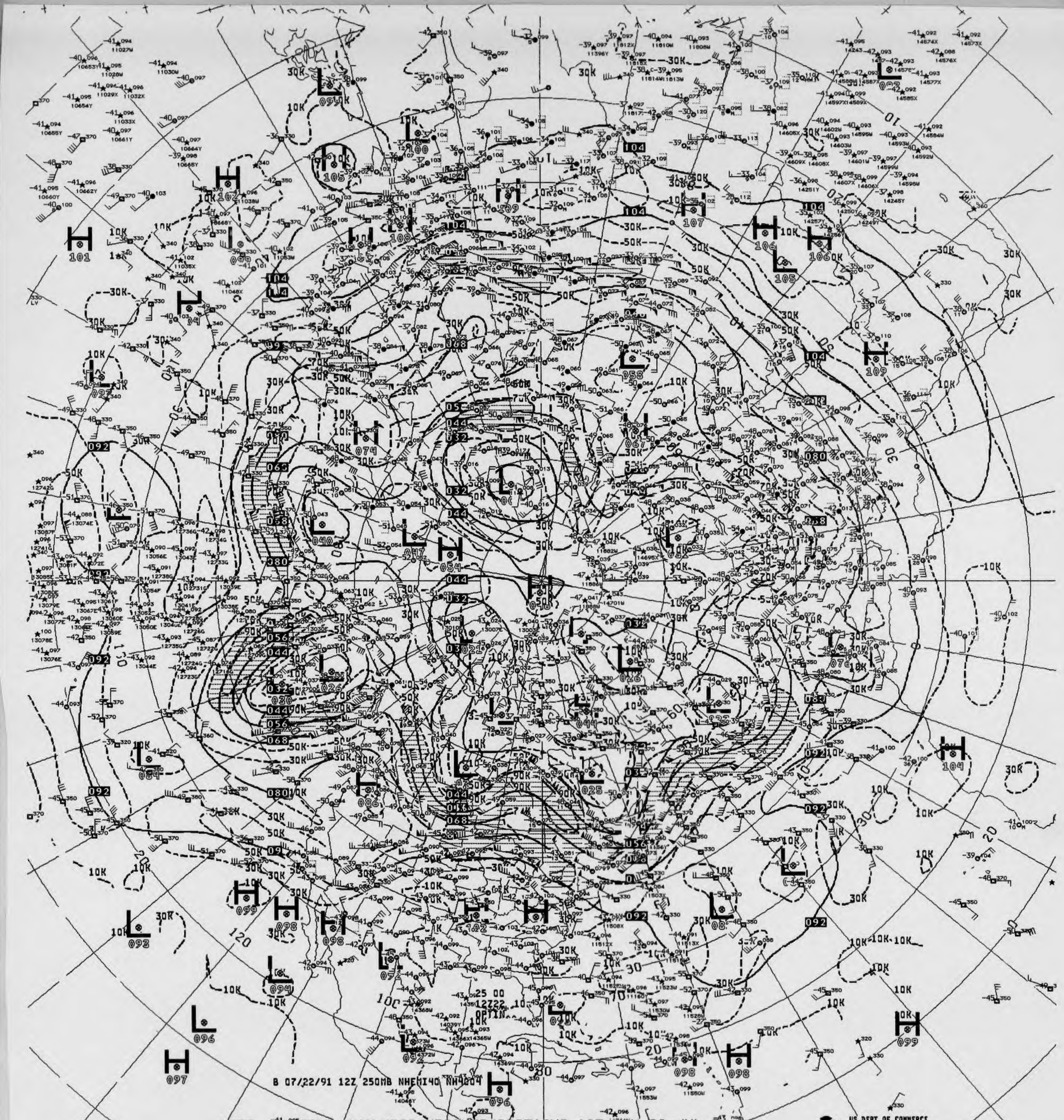
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
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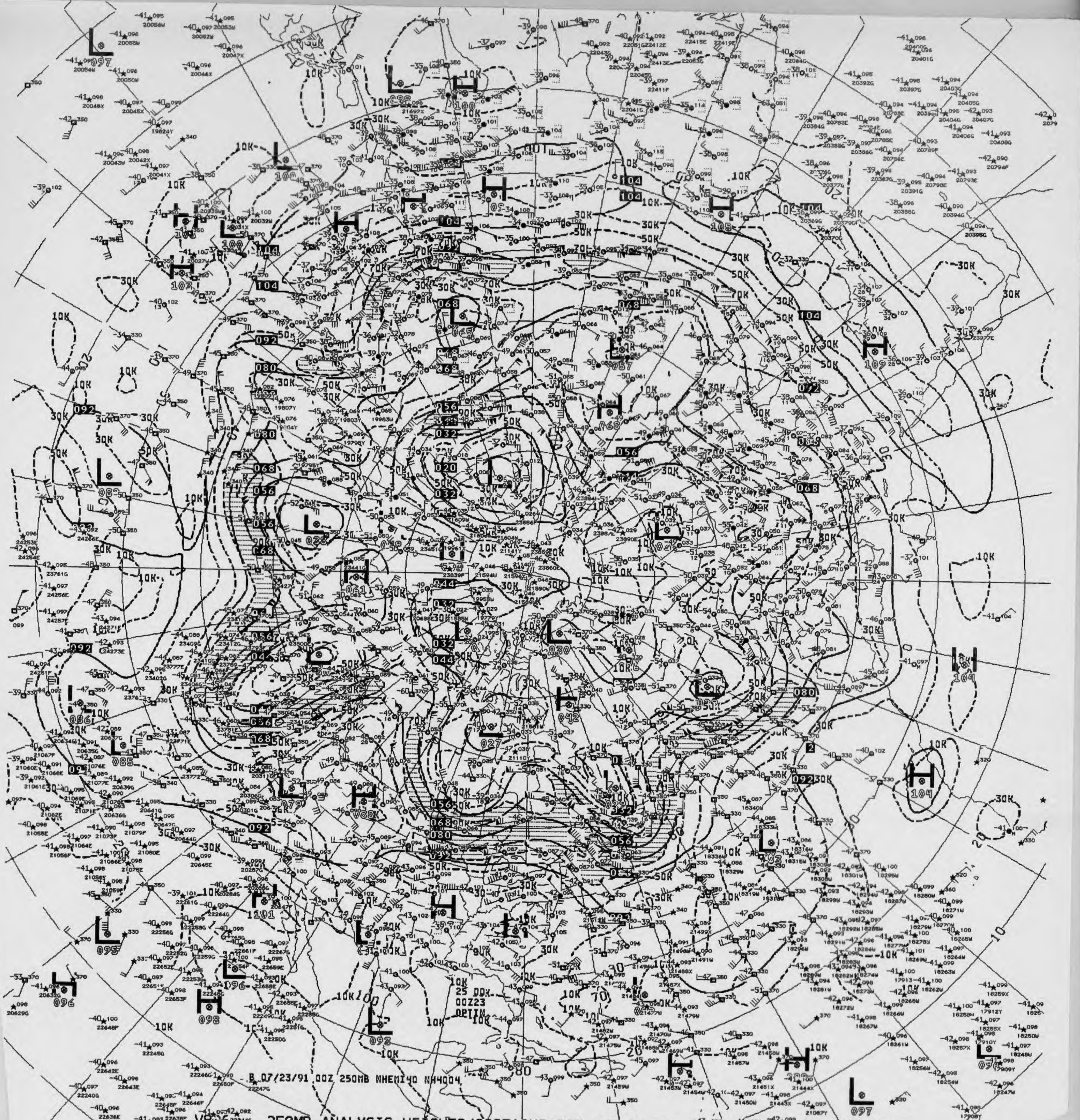
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V826 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 23 JUL 91

US DEPT OF COMMERCE
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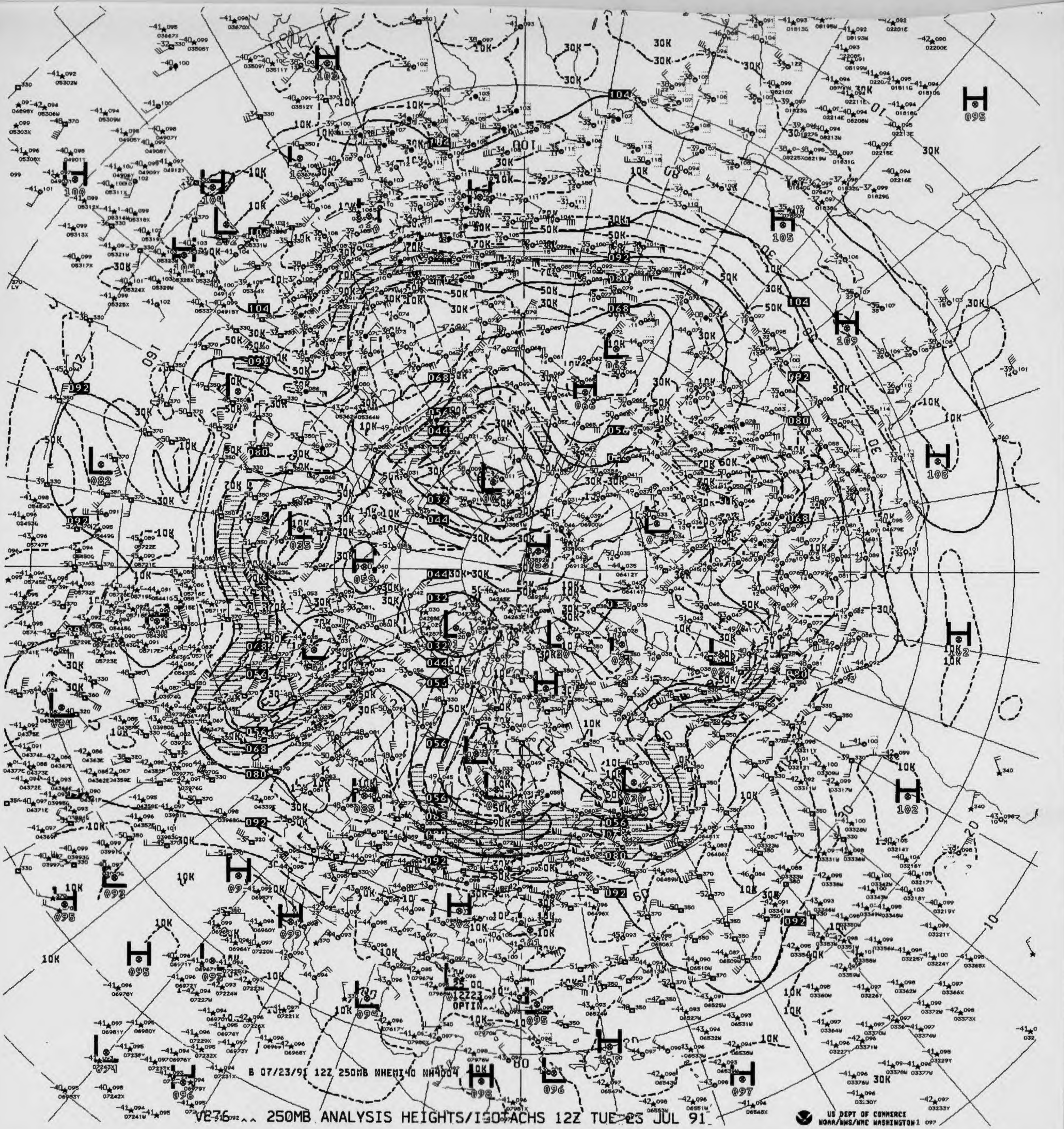
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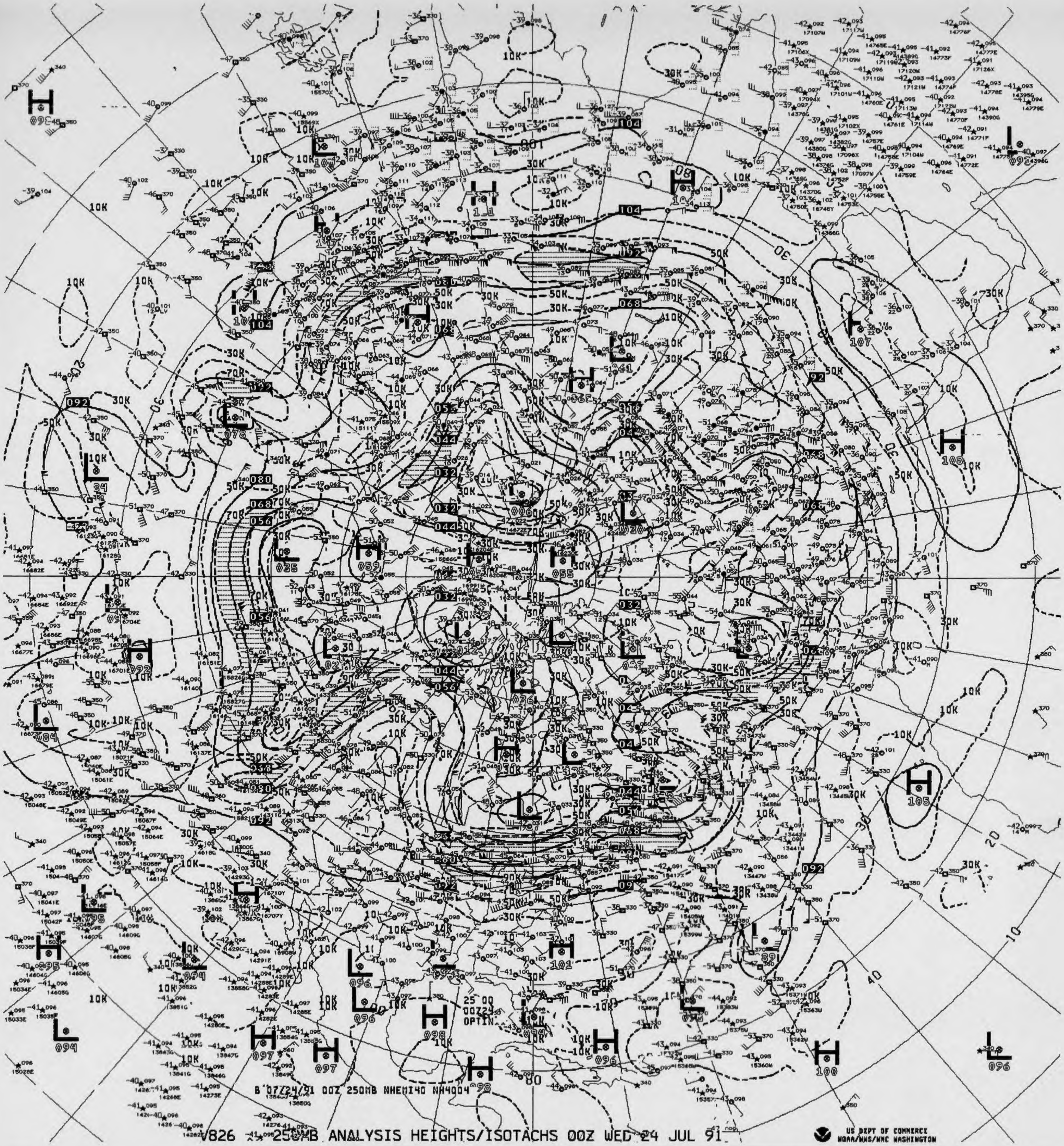
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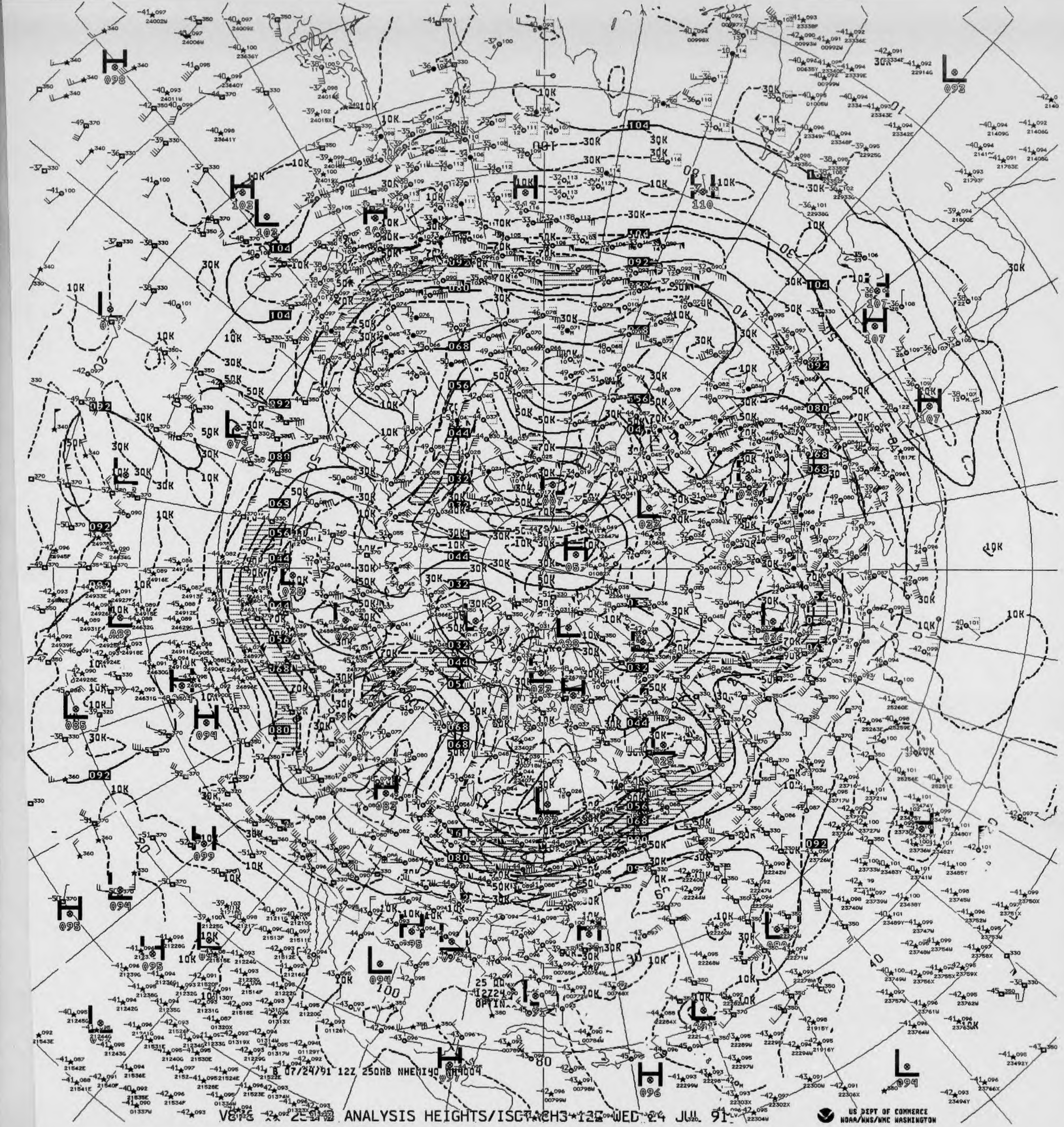
V826 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 24 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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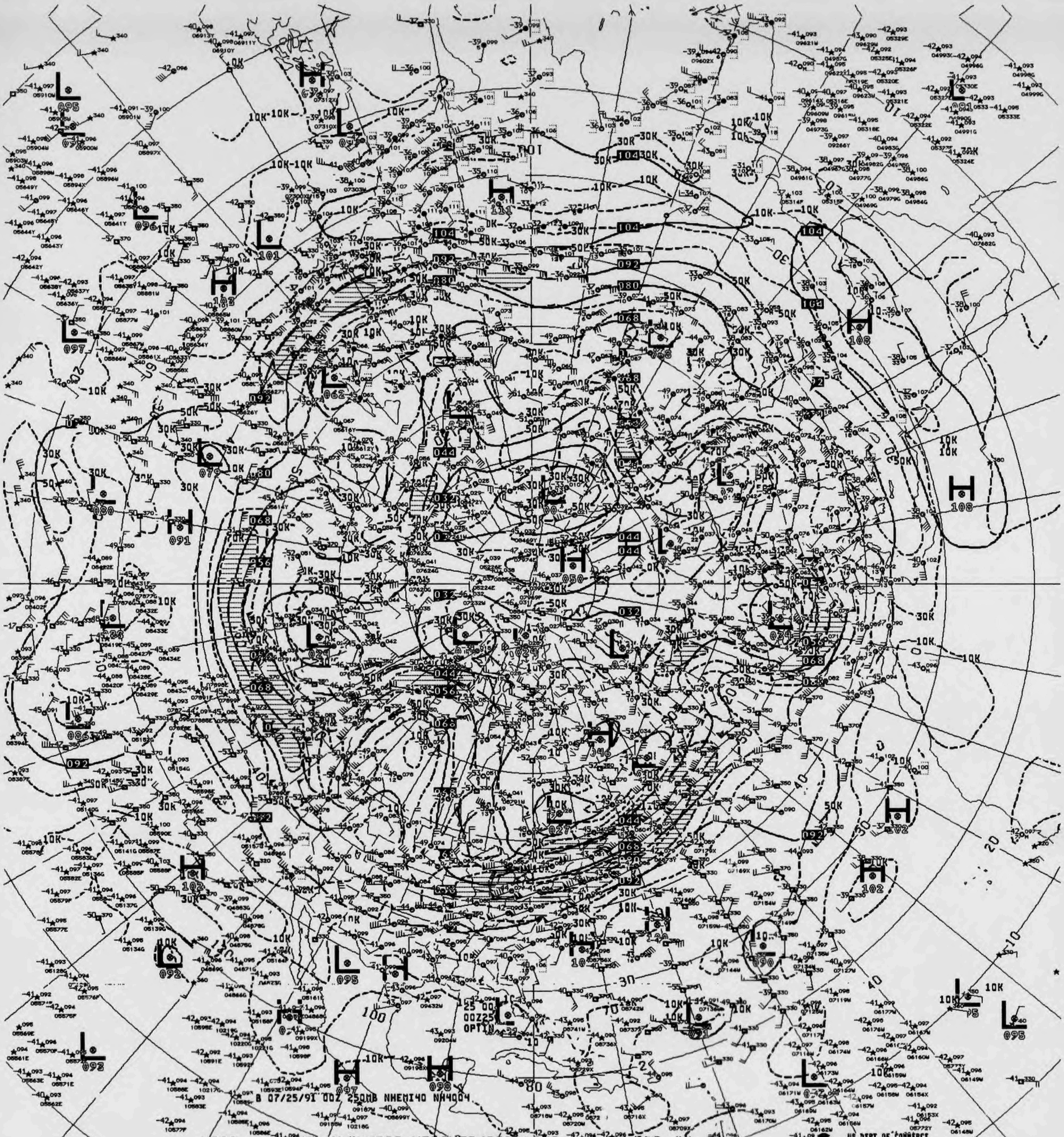
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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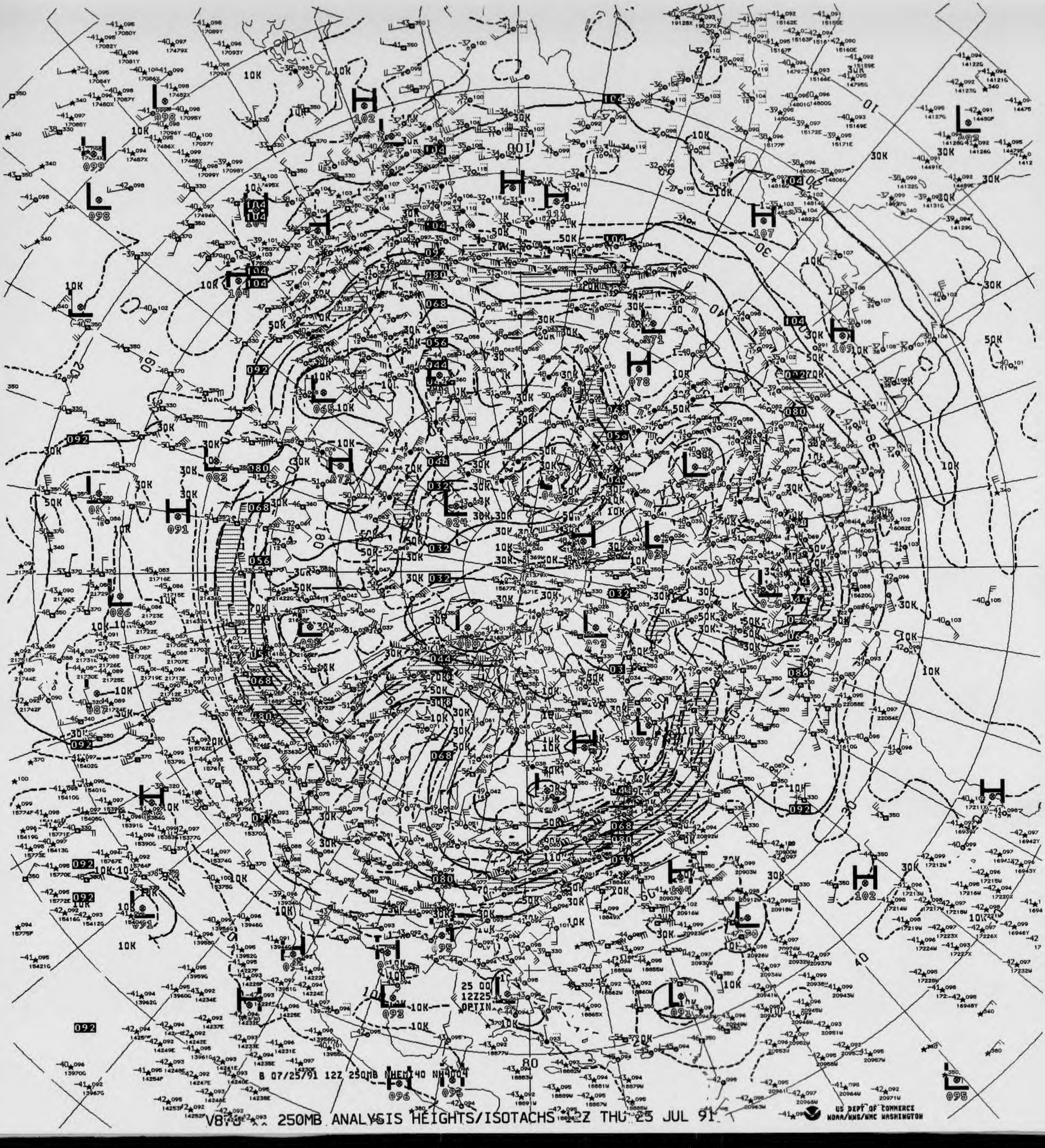
VG26 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 25 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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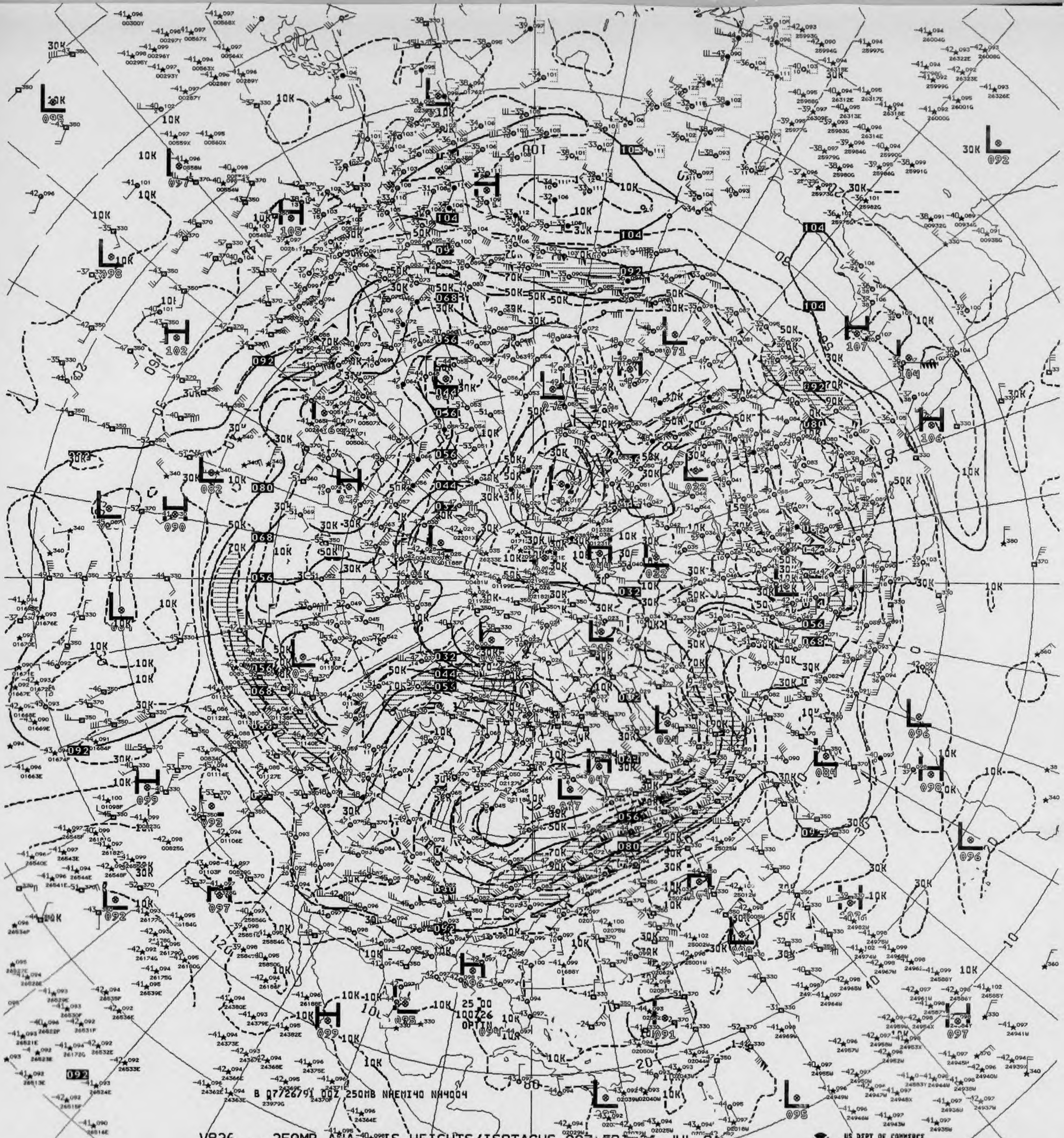
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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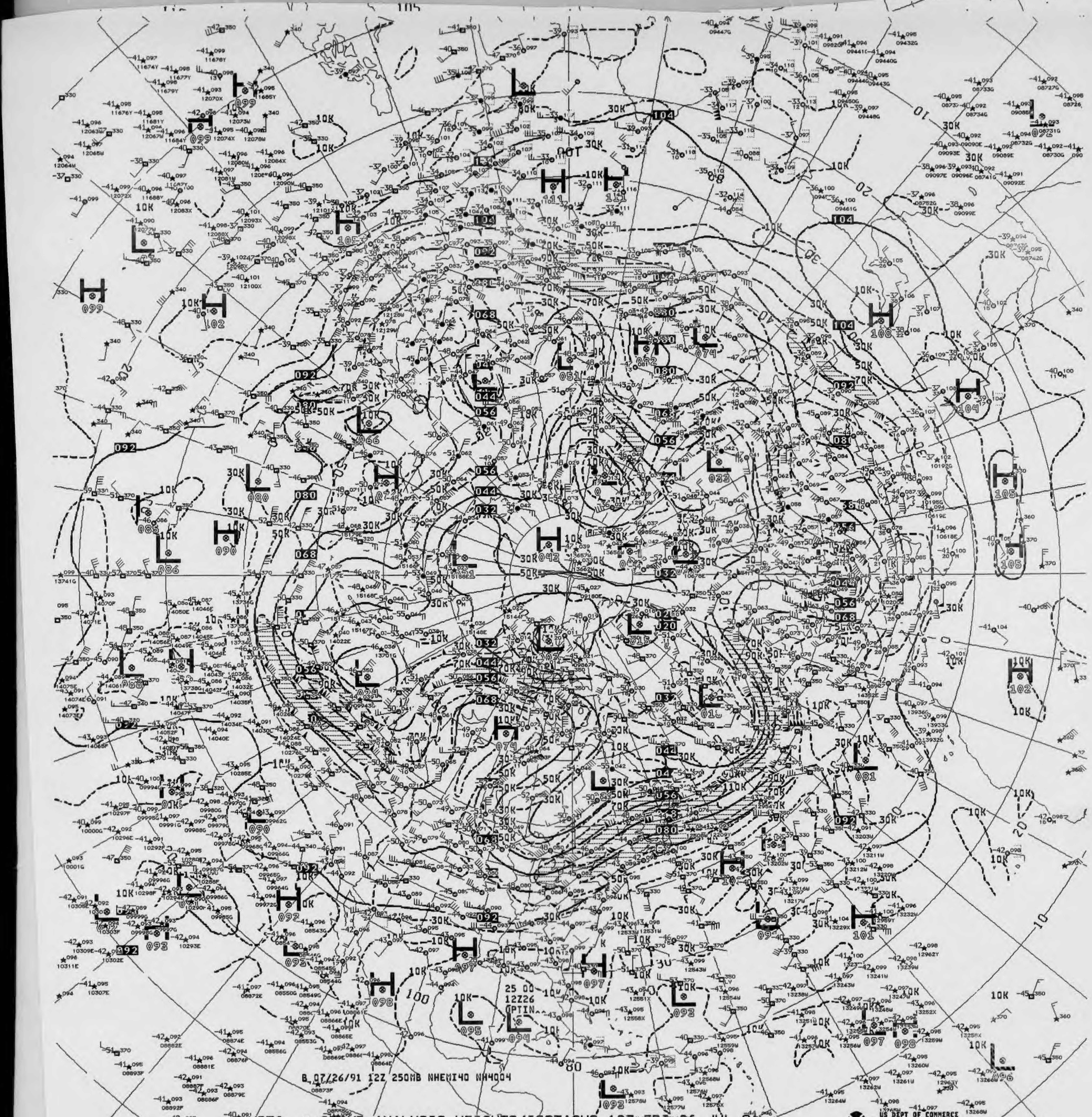
NOAA/NWS/NMC WASHINGTON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V876 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 26 JUL 91

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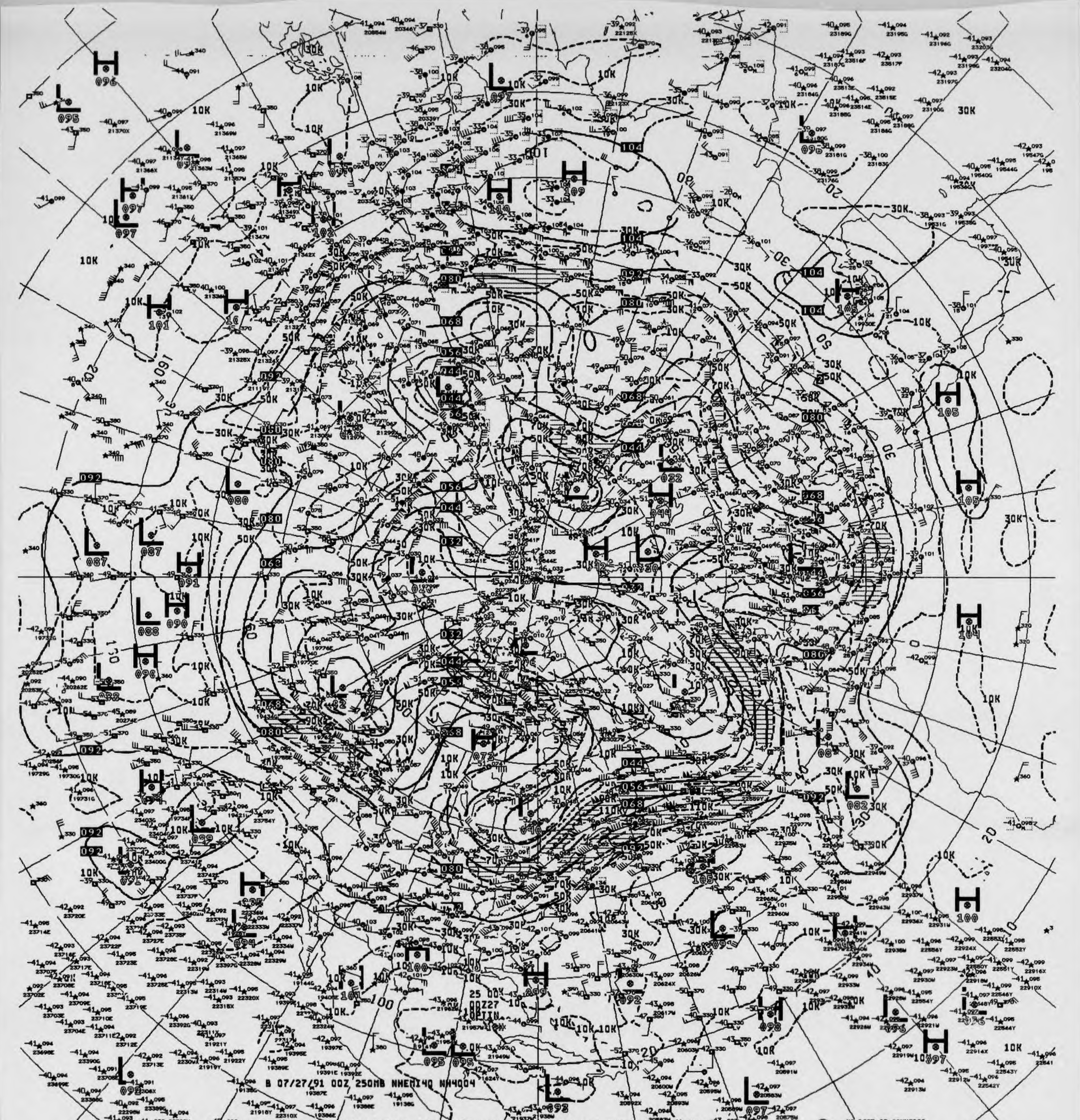
NOAA/NWS/NMC WASHINGTON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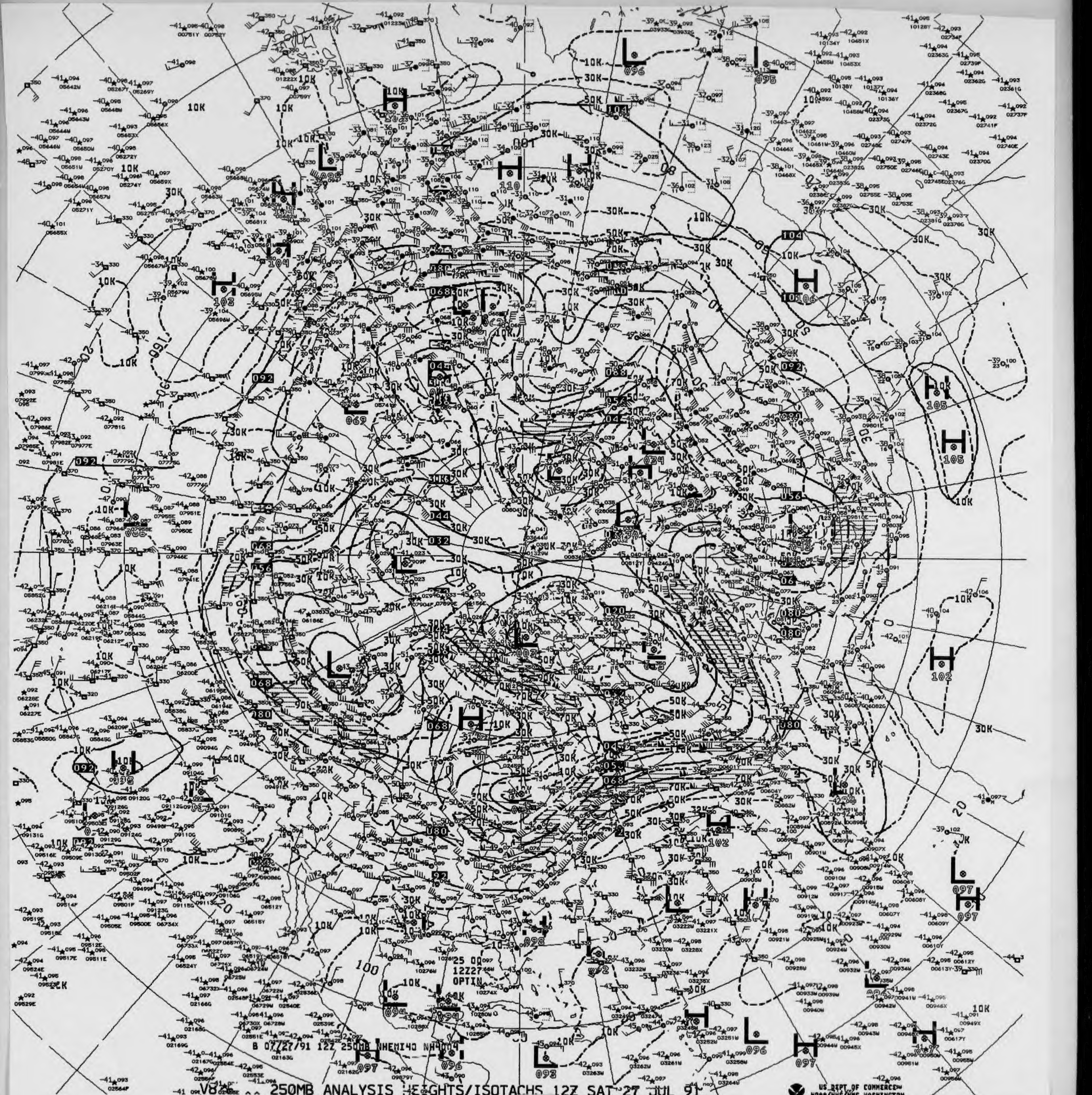
NOAA/NWS/NMC WASHINGTON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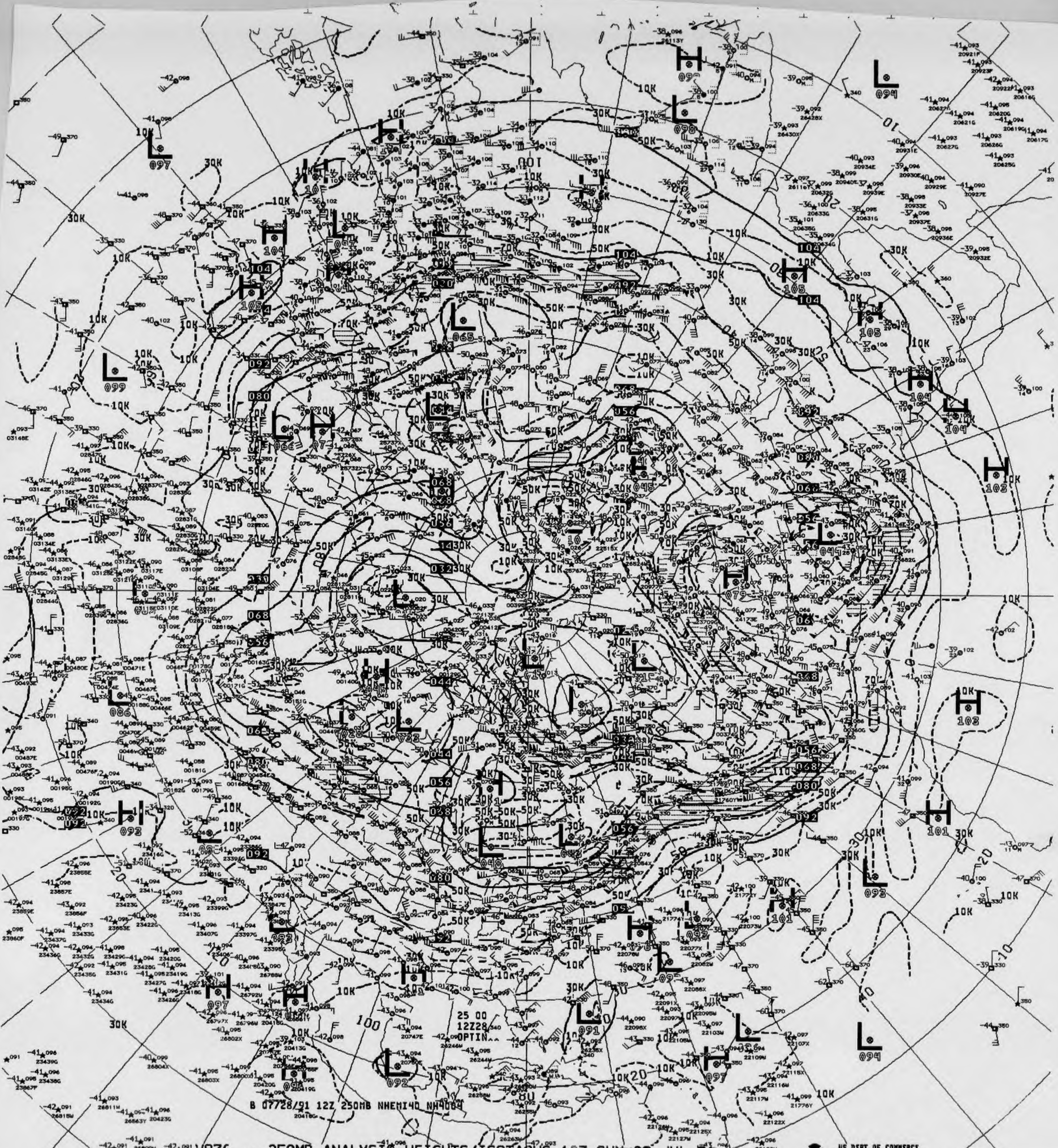
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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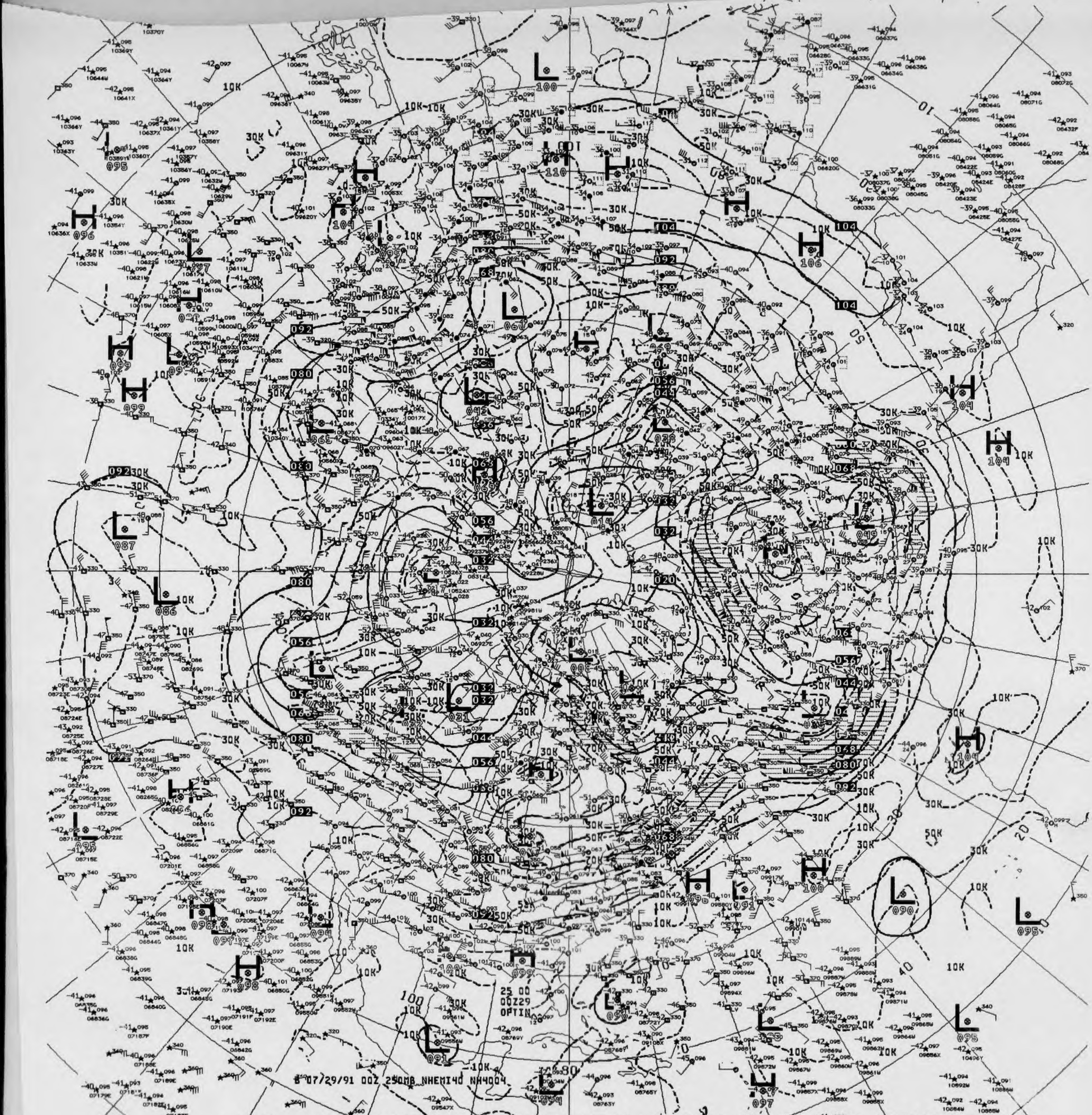
V876 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 28 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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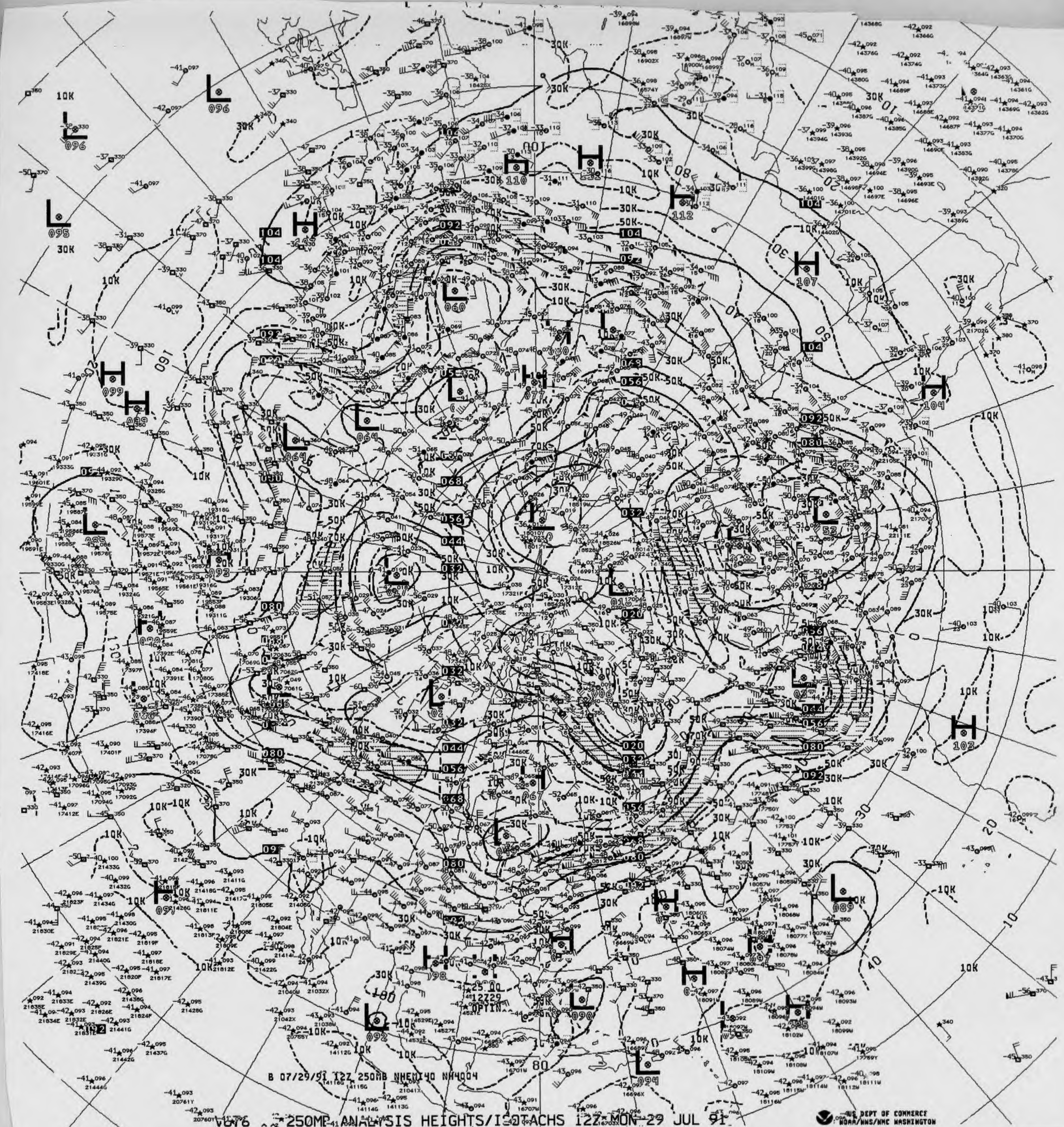
V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 29 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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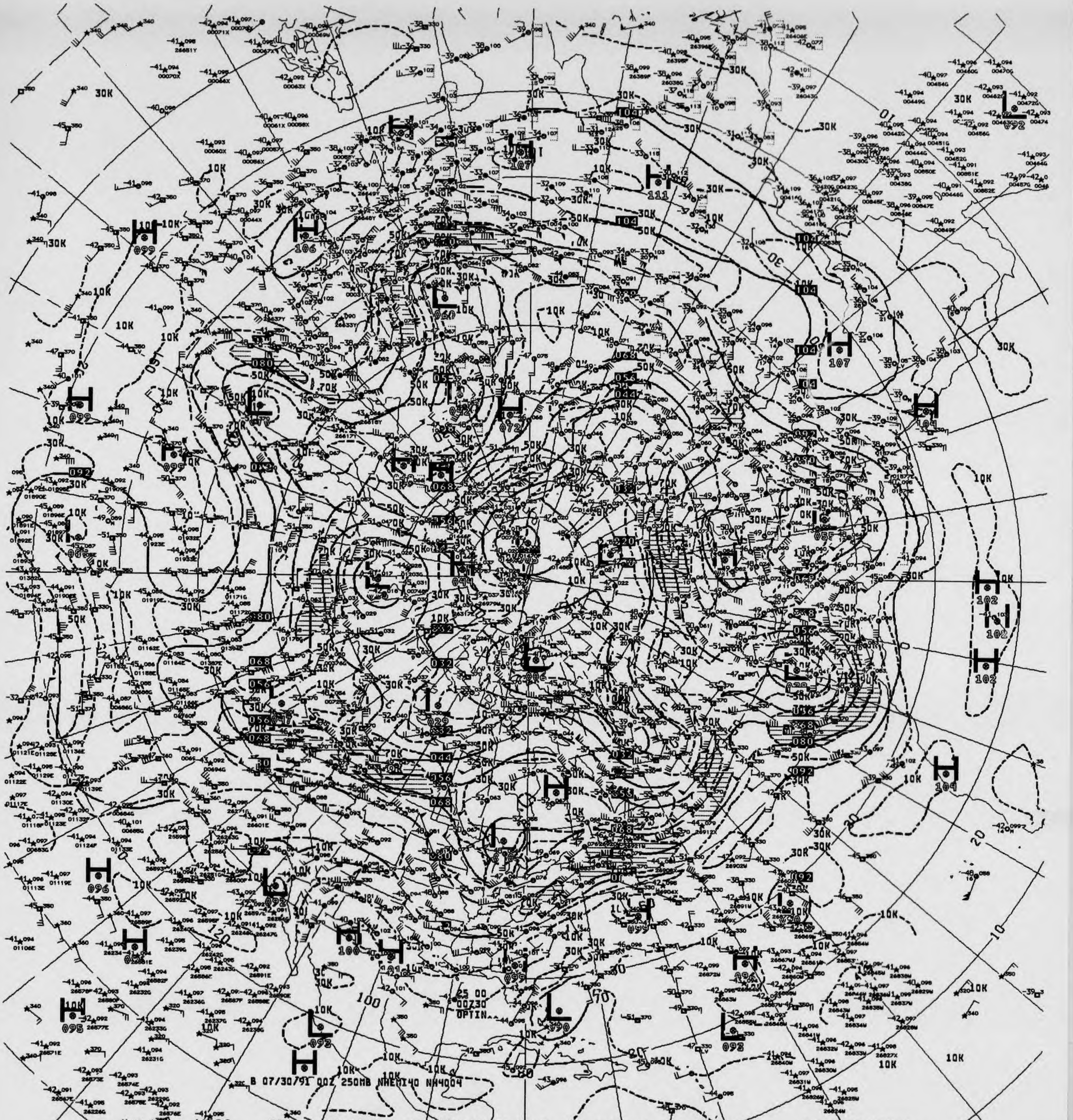
V0V6 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 29 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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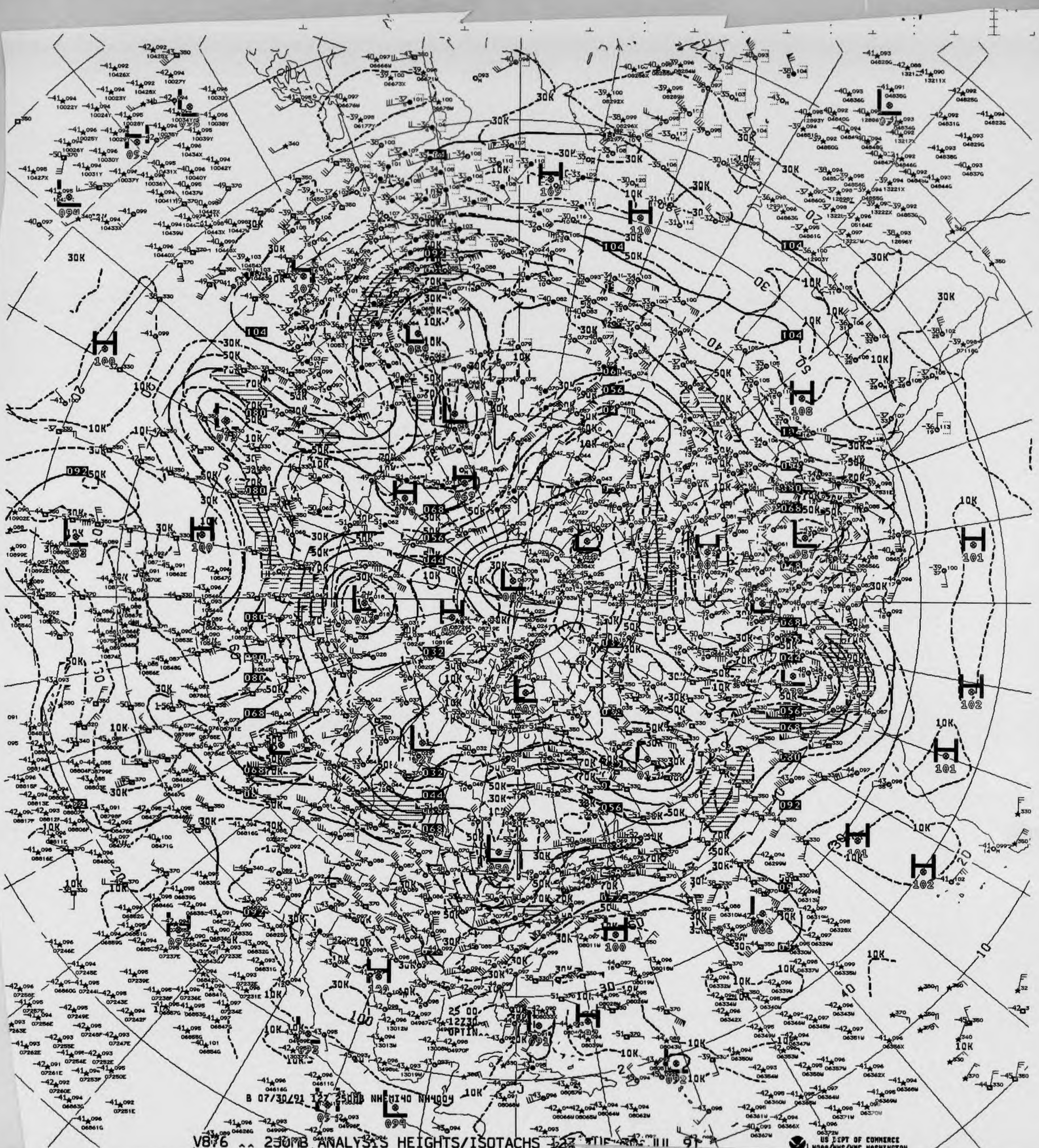
V826 ^^ 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 30 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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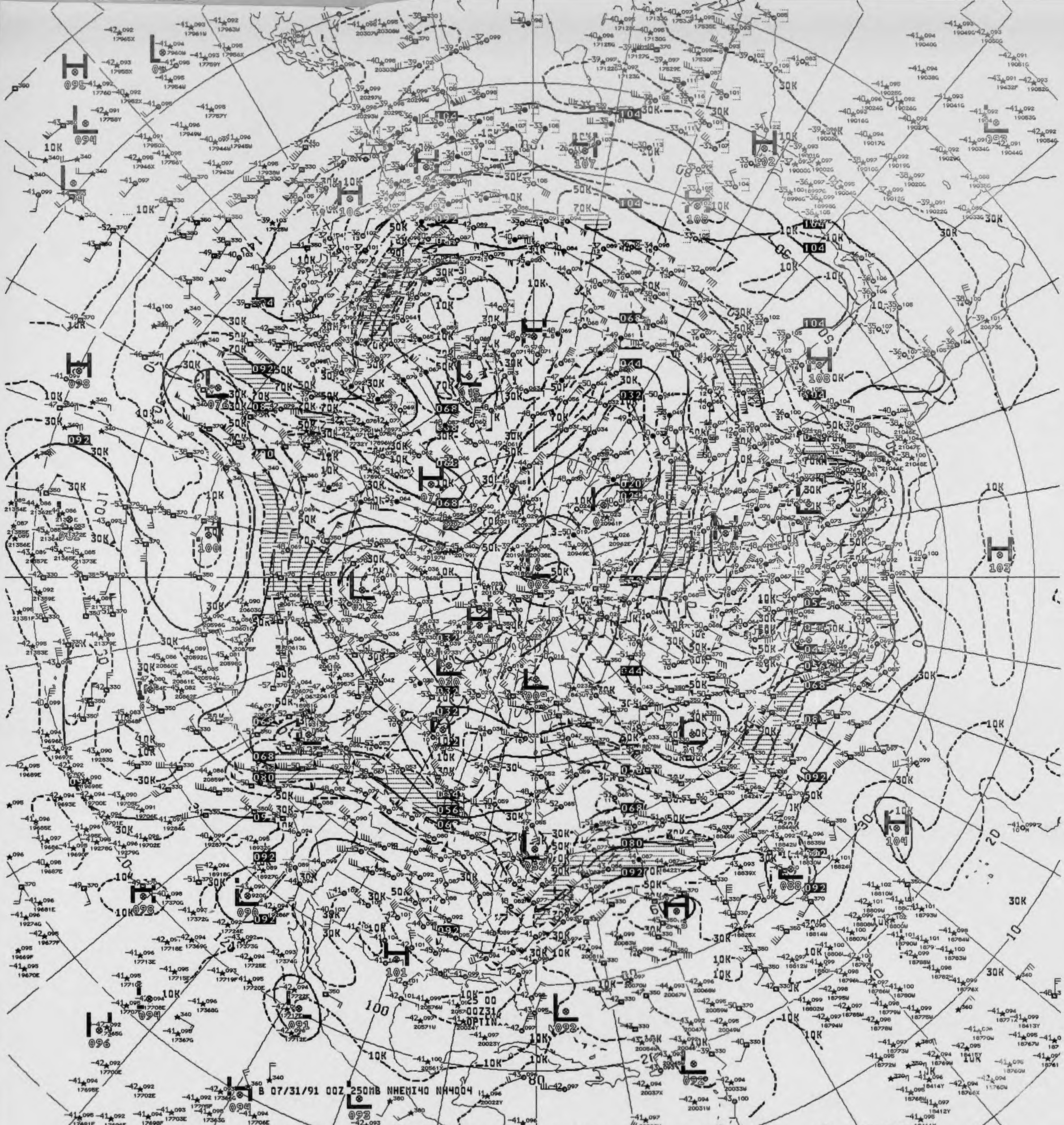
V876 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 30 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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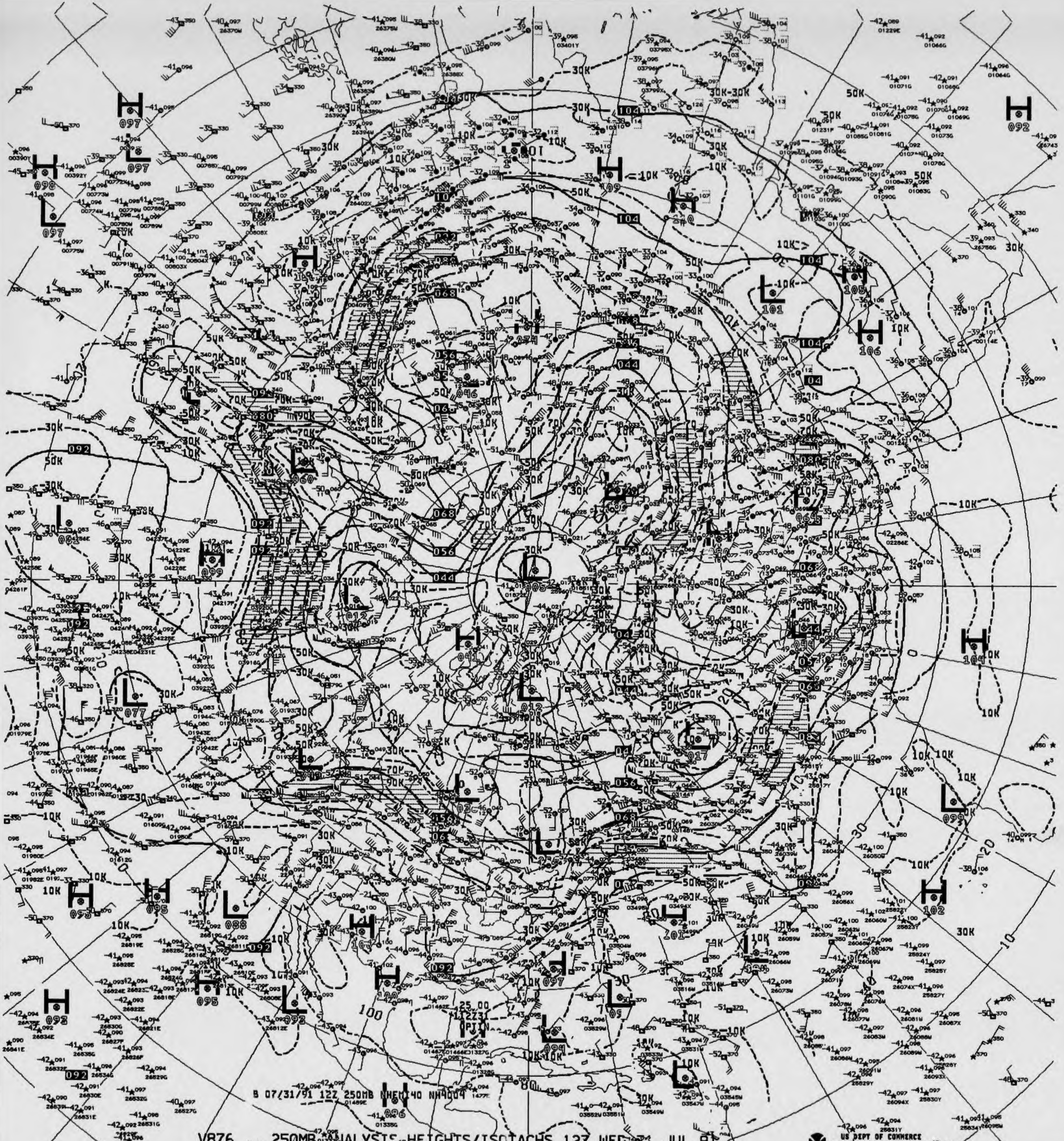
V826 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 31 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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V876 .. 250MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 31 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

A Form 48 - 365B
(Rev. 8 - 83)

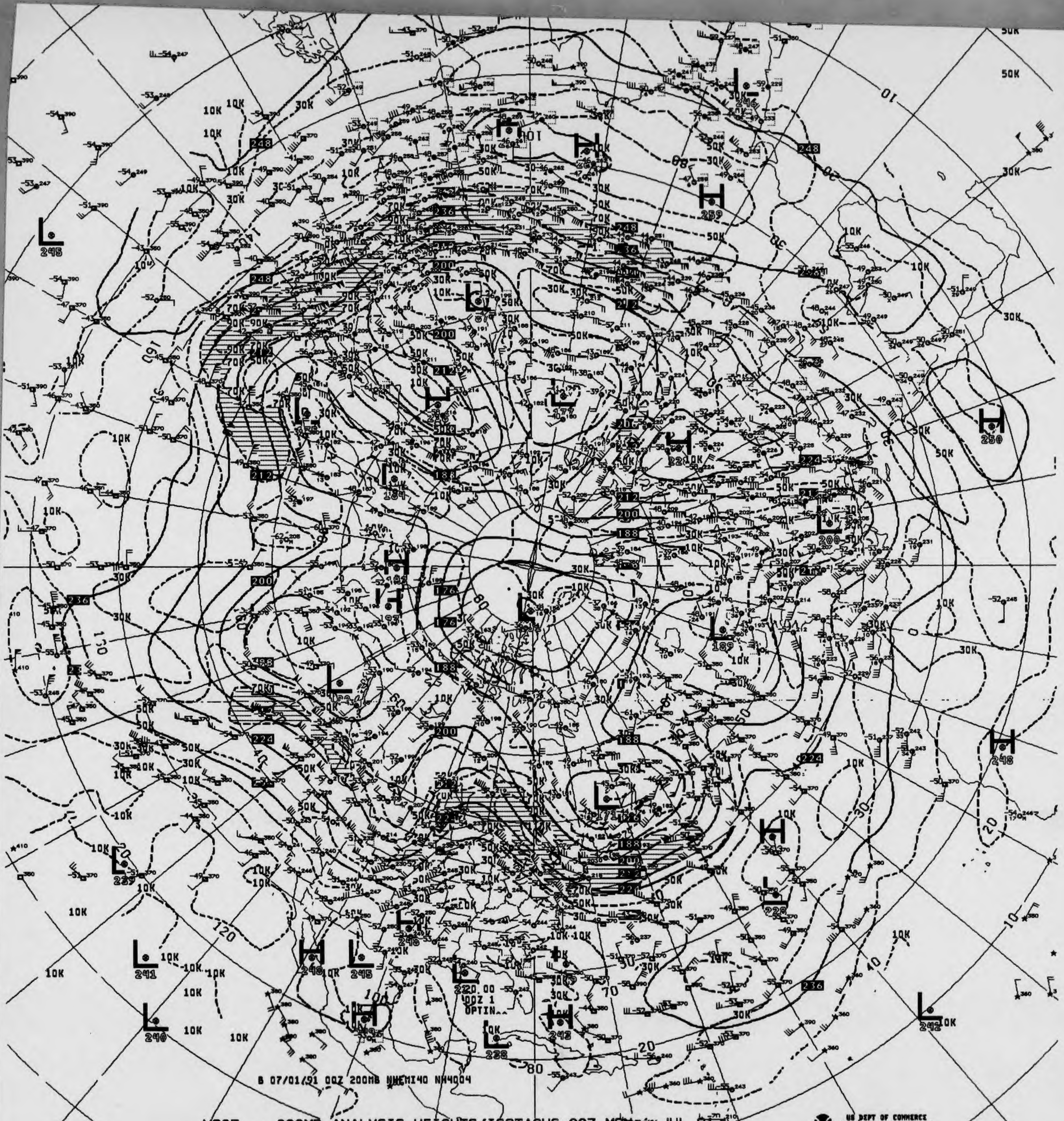
National Oceanic and Atmospheric Administration
National Environmental Satellite, Data, and Information Se
National Climatic Data Center

DEPARTMENT OF COMMERCE
UNITED STATES OF AMERICA

200 MB CONSTANT PRESSURE CHARTS

NORTHERN HEMISPHERE NWP

ALL RECORDS ARE THE BEST AVAILABLE FOR FILMING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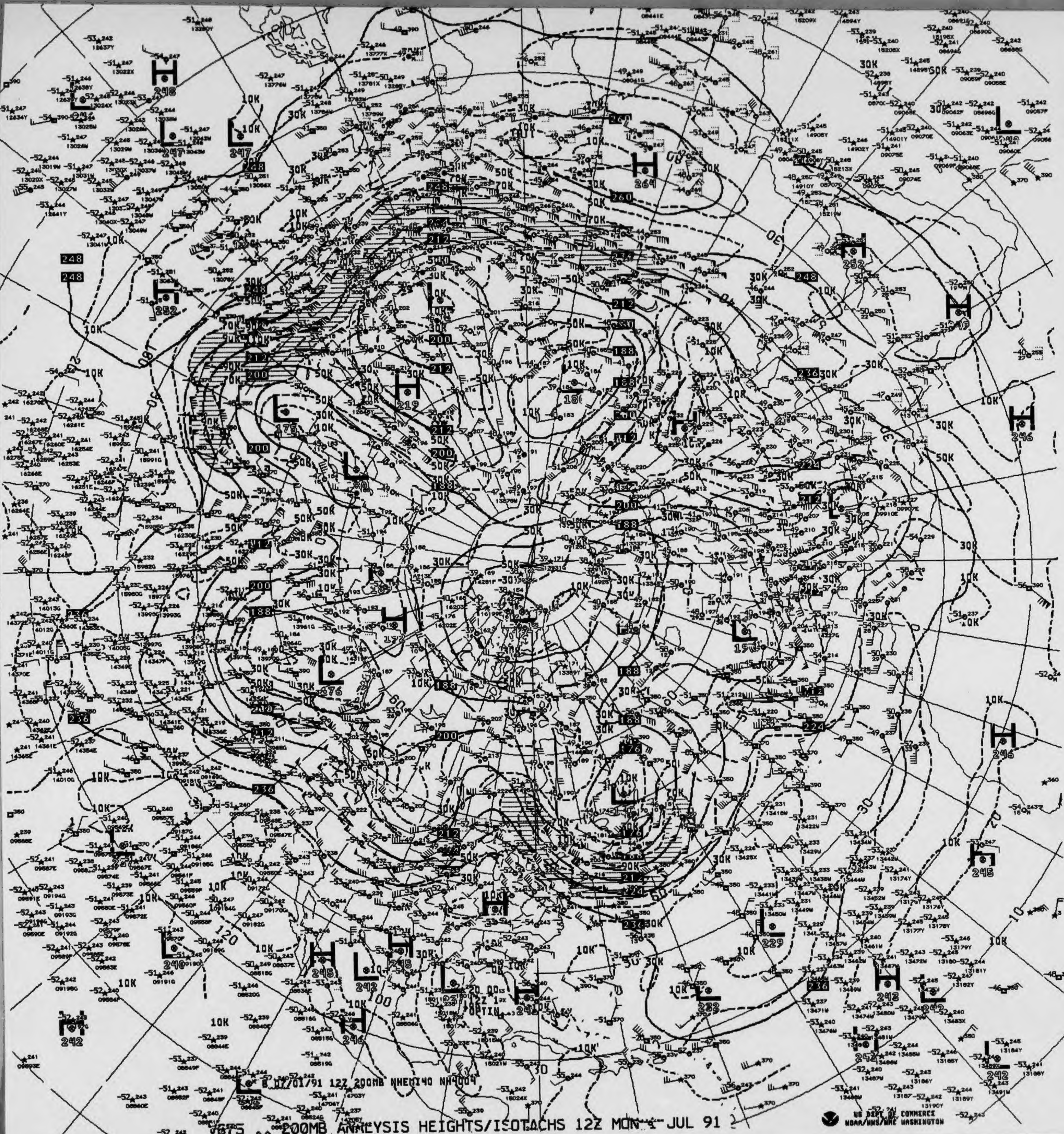
V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 1 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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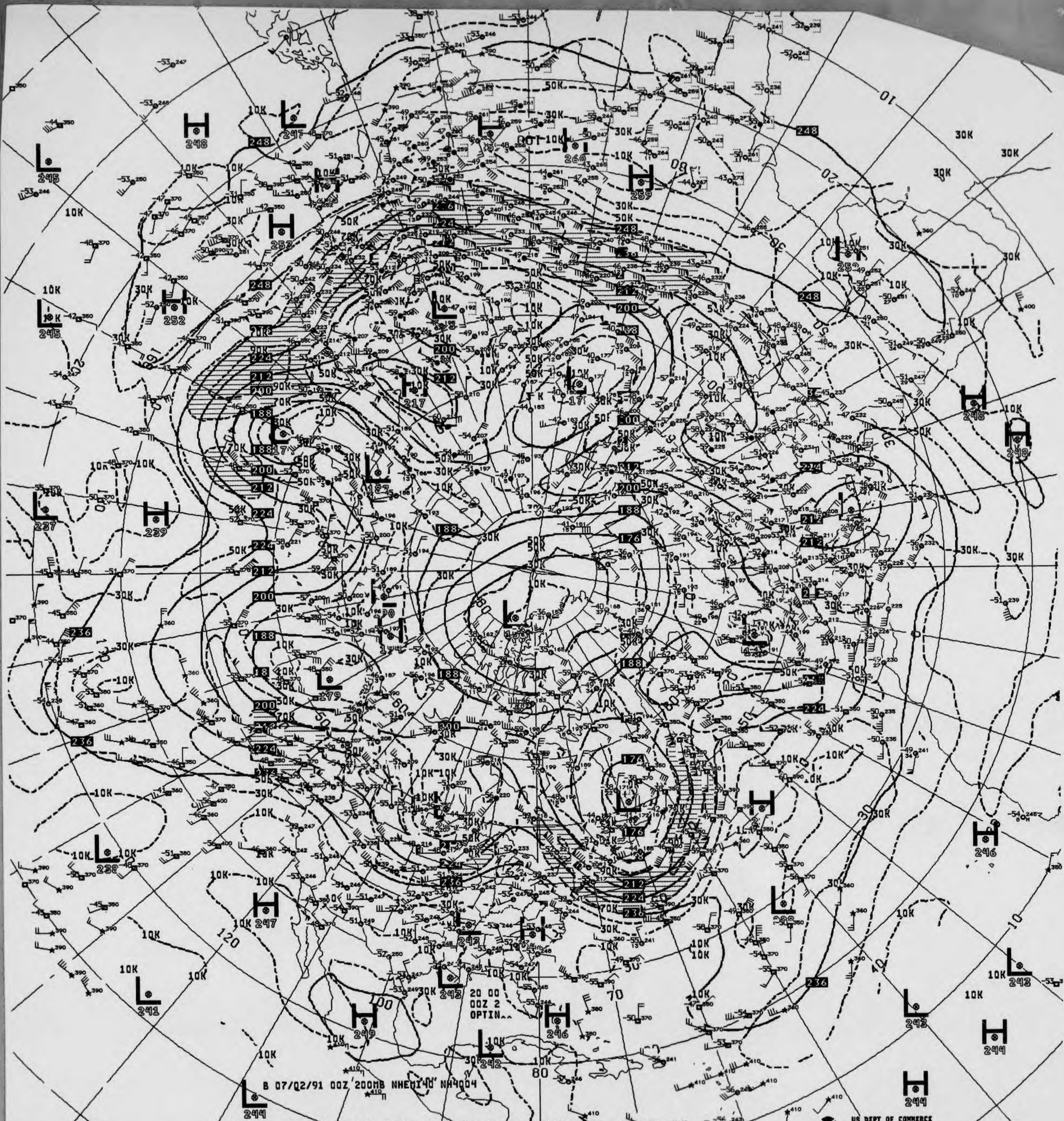
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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00Z 2
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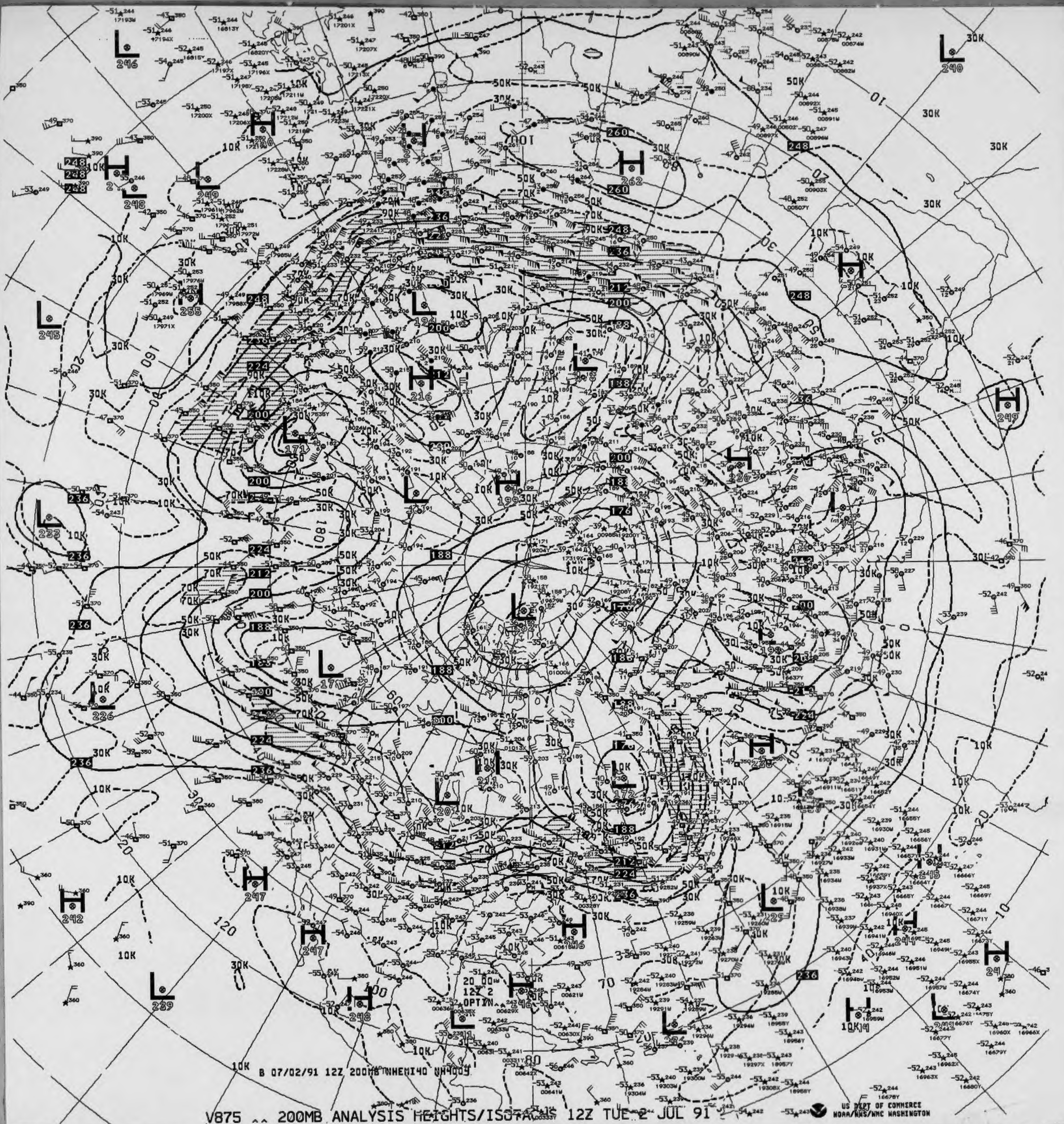
V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 2 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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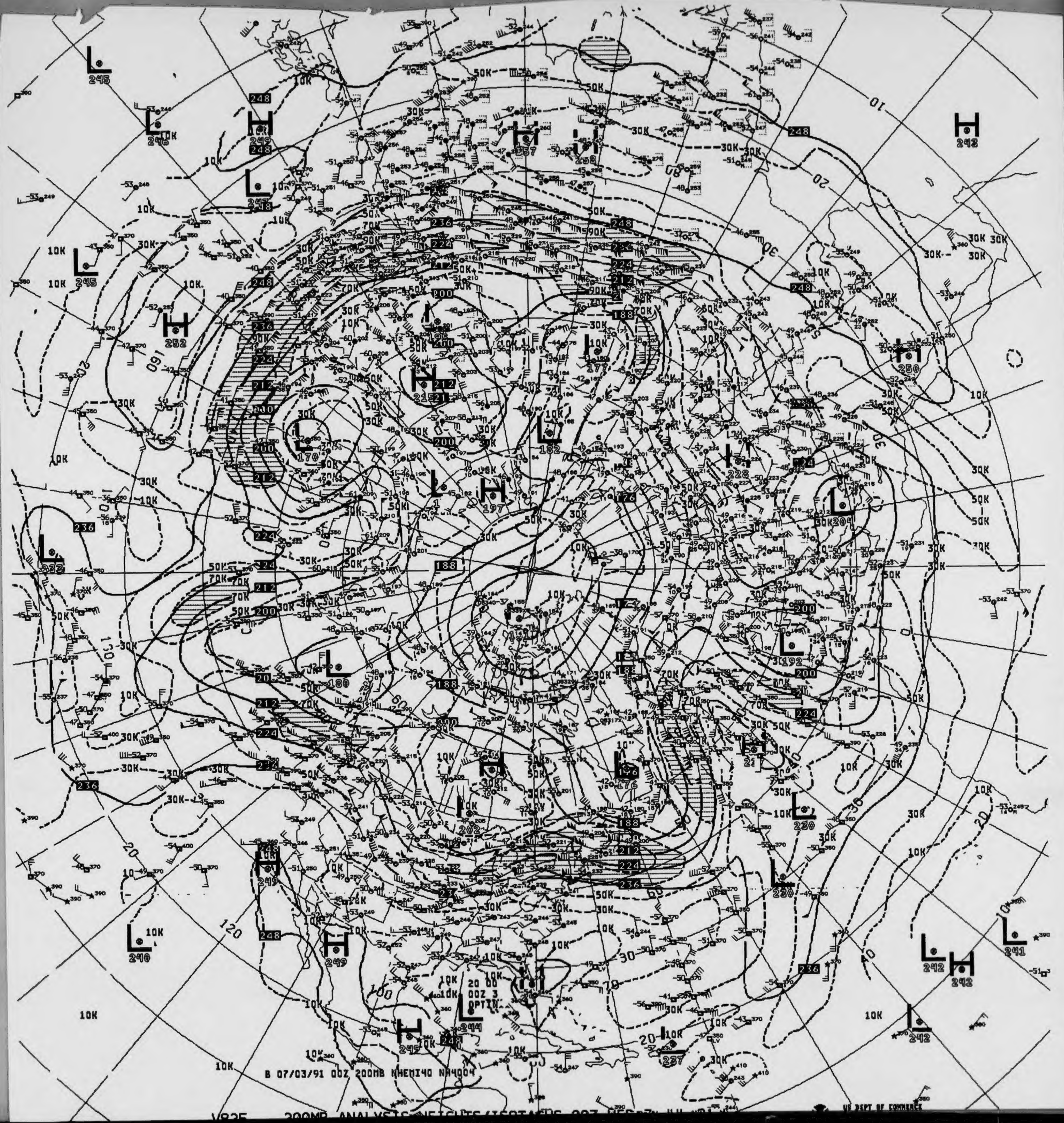
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE
20 00
00Z 3
OPTIN
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50K
70K
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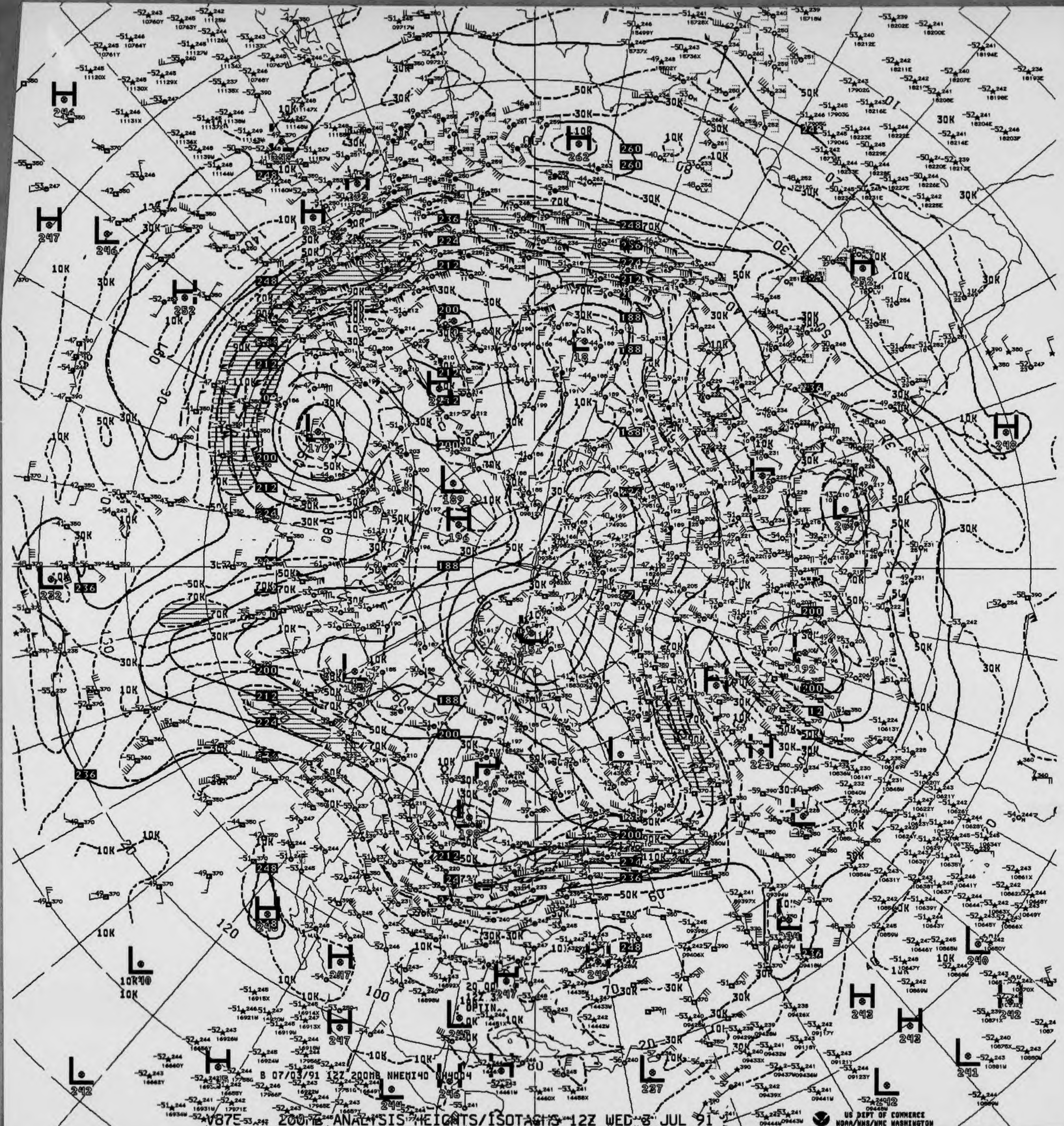
V825 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 3 JUL 91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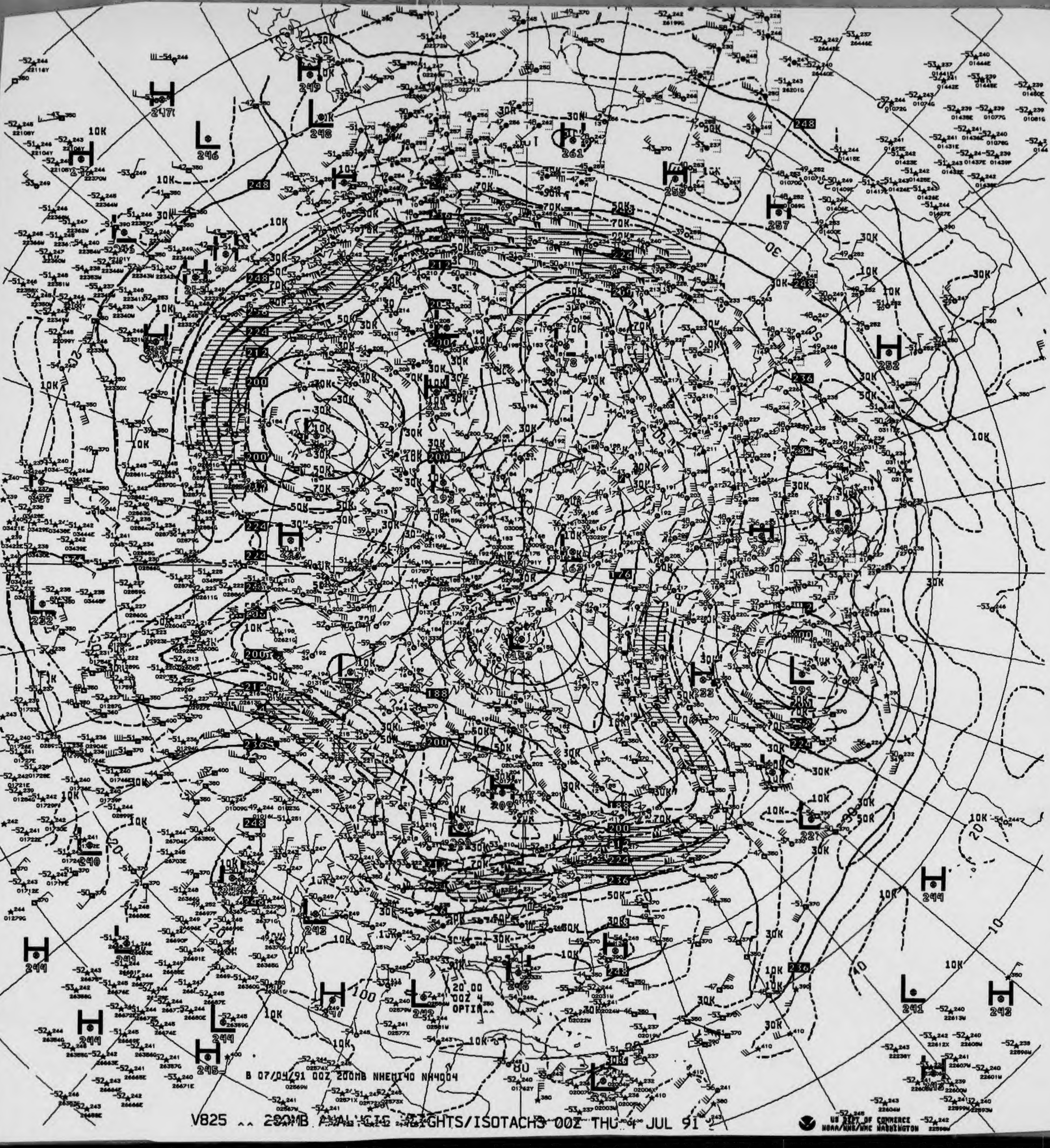
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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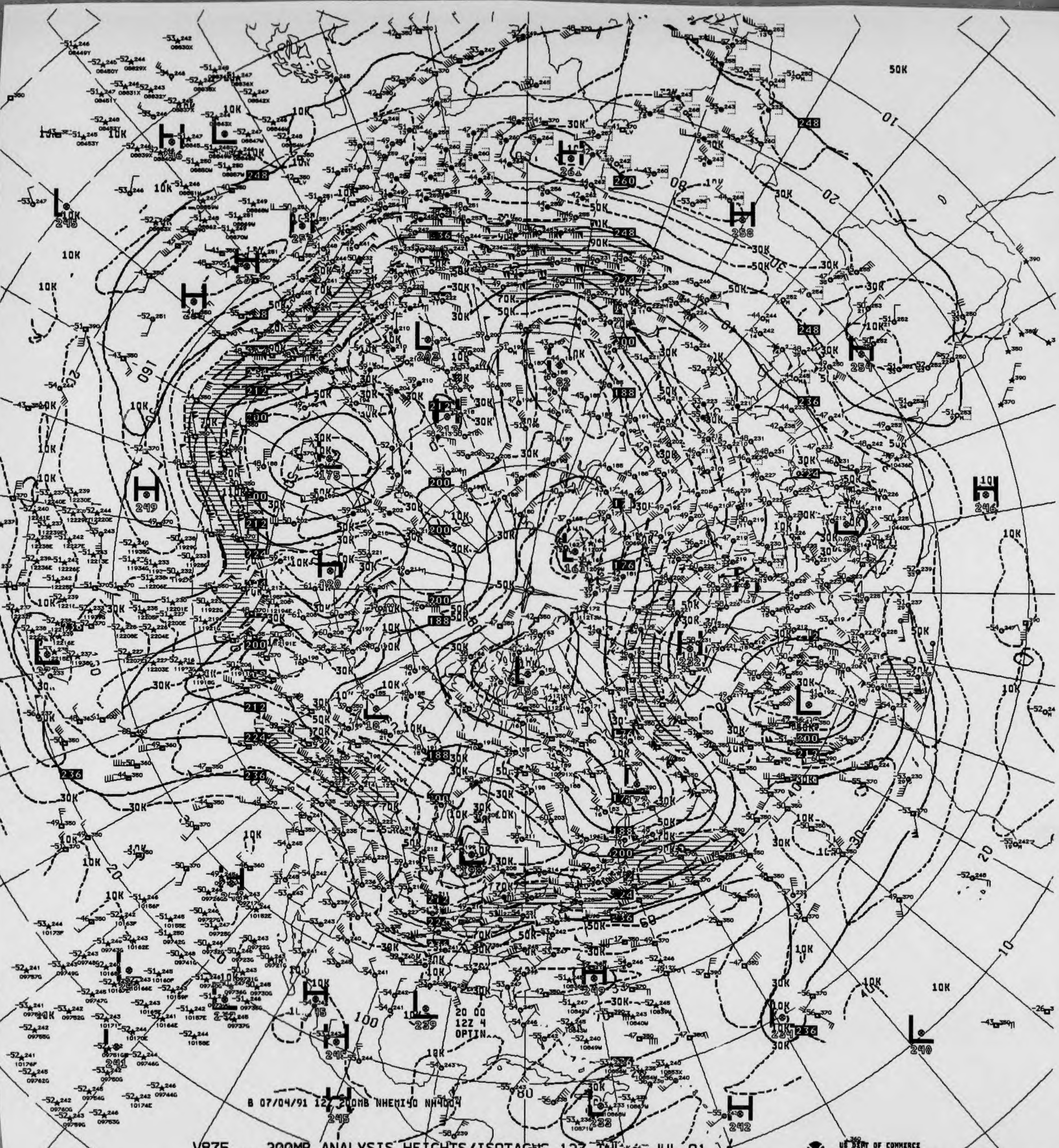
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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OPTIN
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30K
10K
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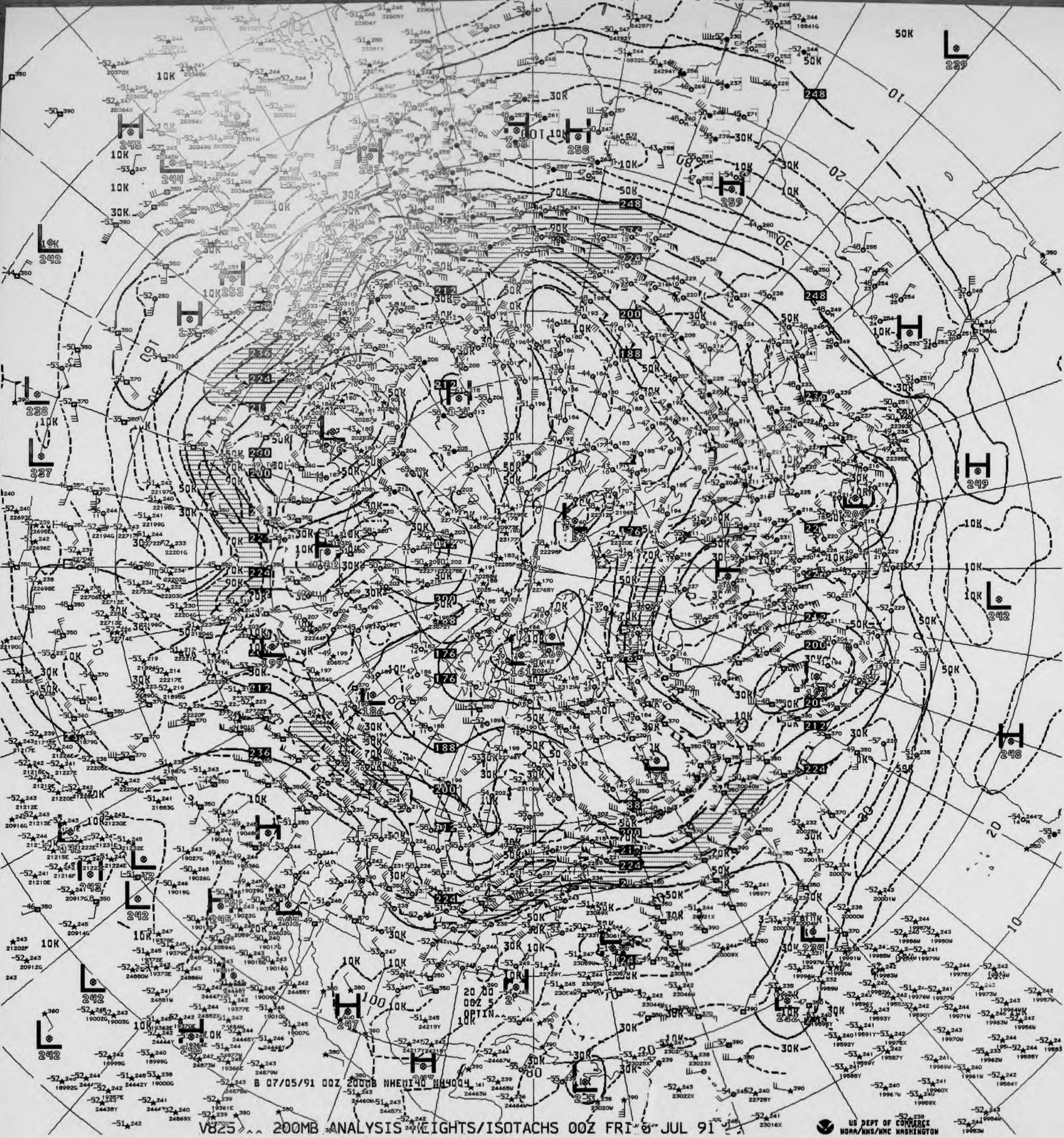
V875 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 4 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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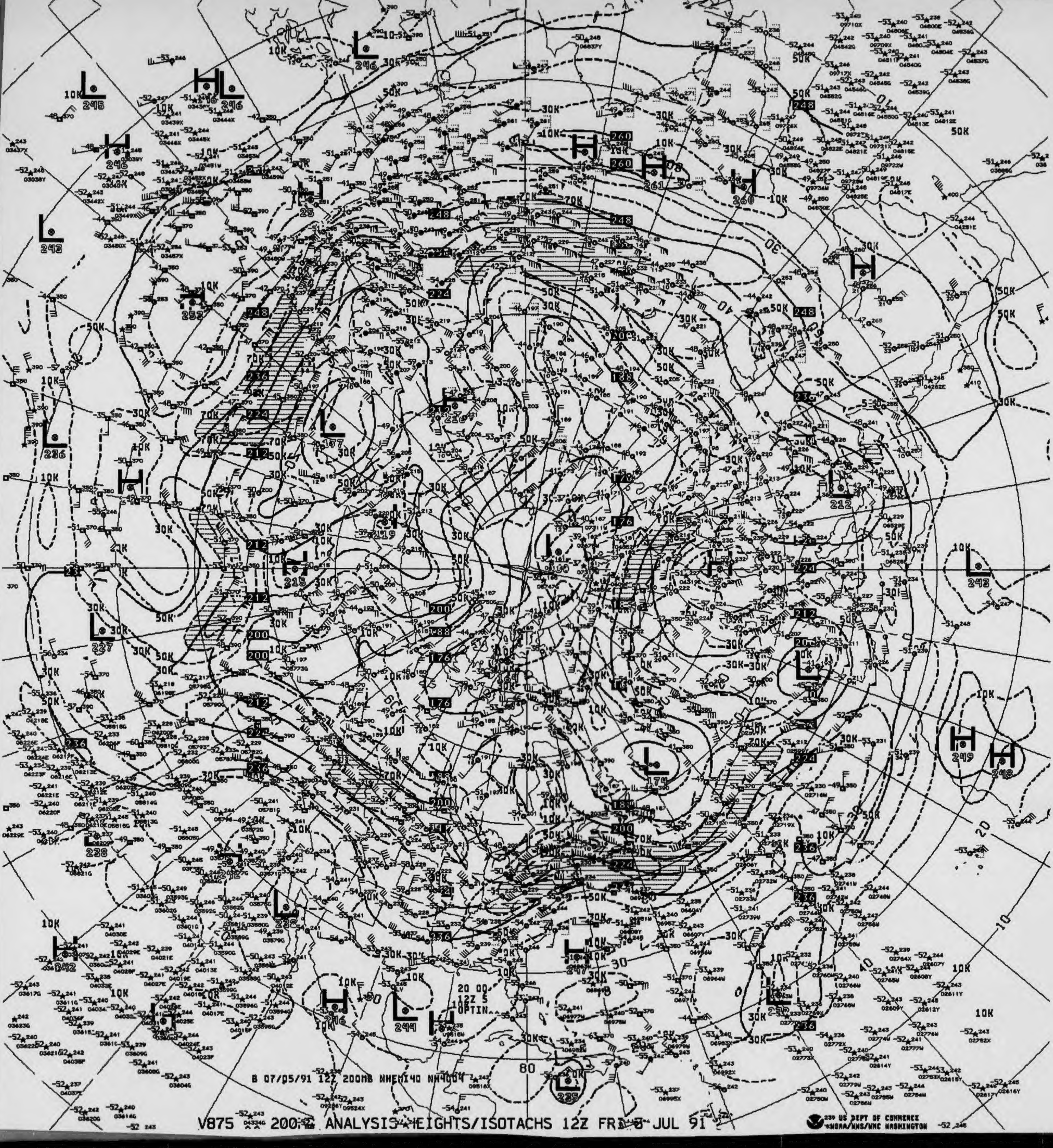
V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 5 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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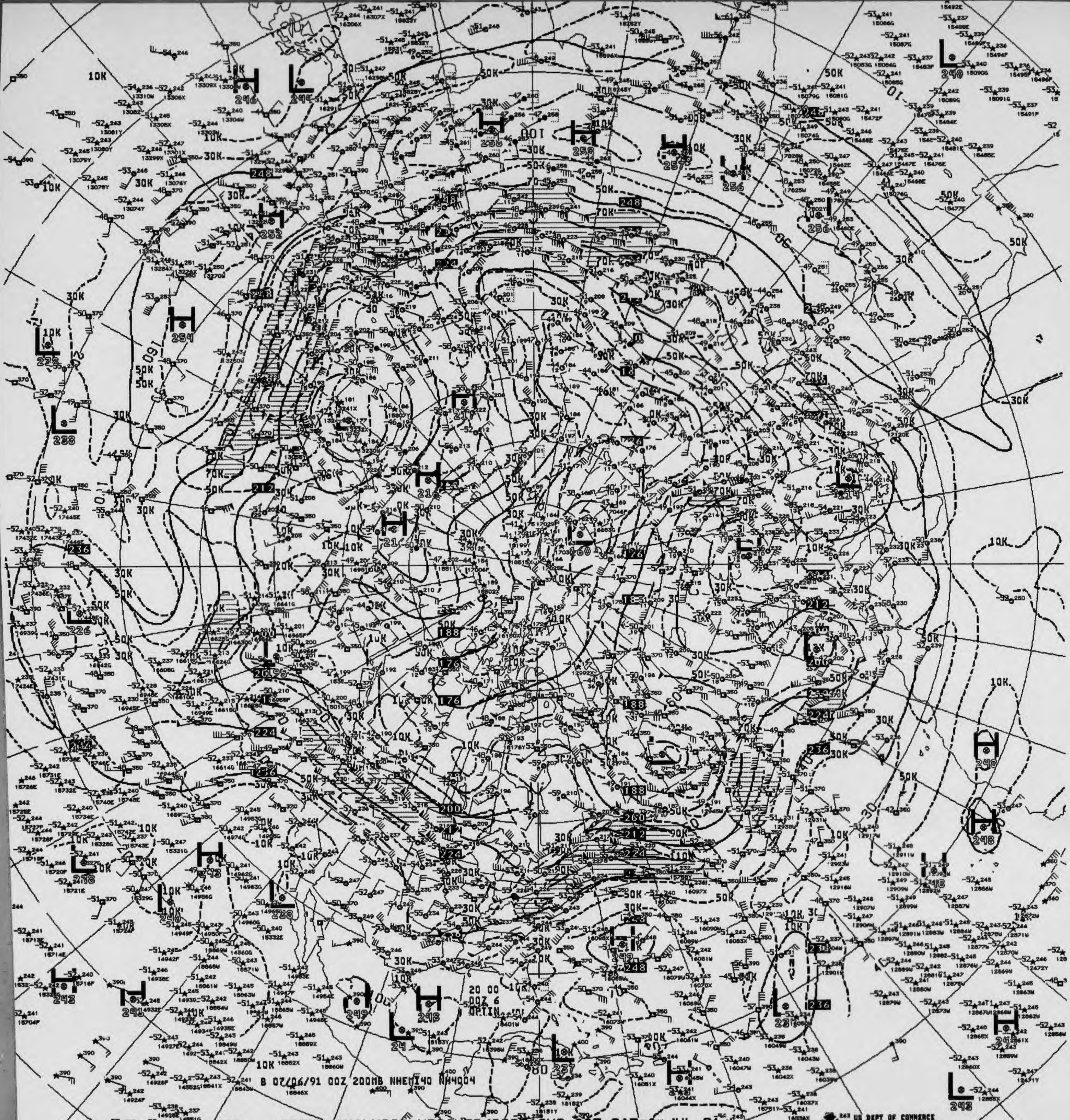
V875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 5 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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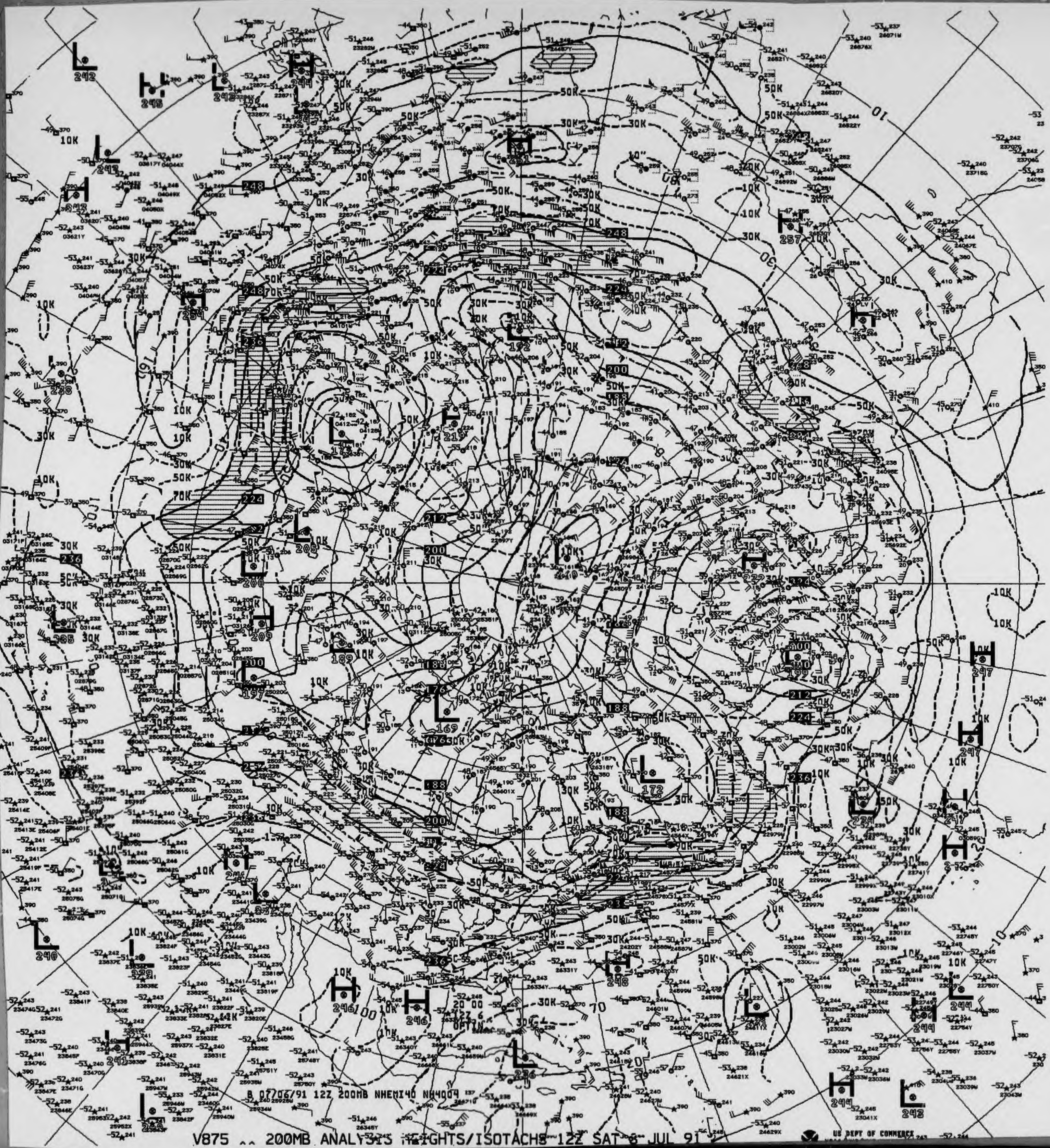
V825 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 6 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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US DEPT OF COMMERCE

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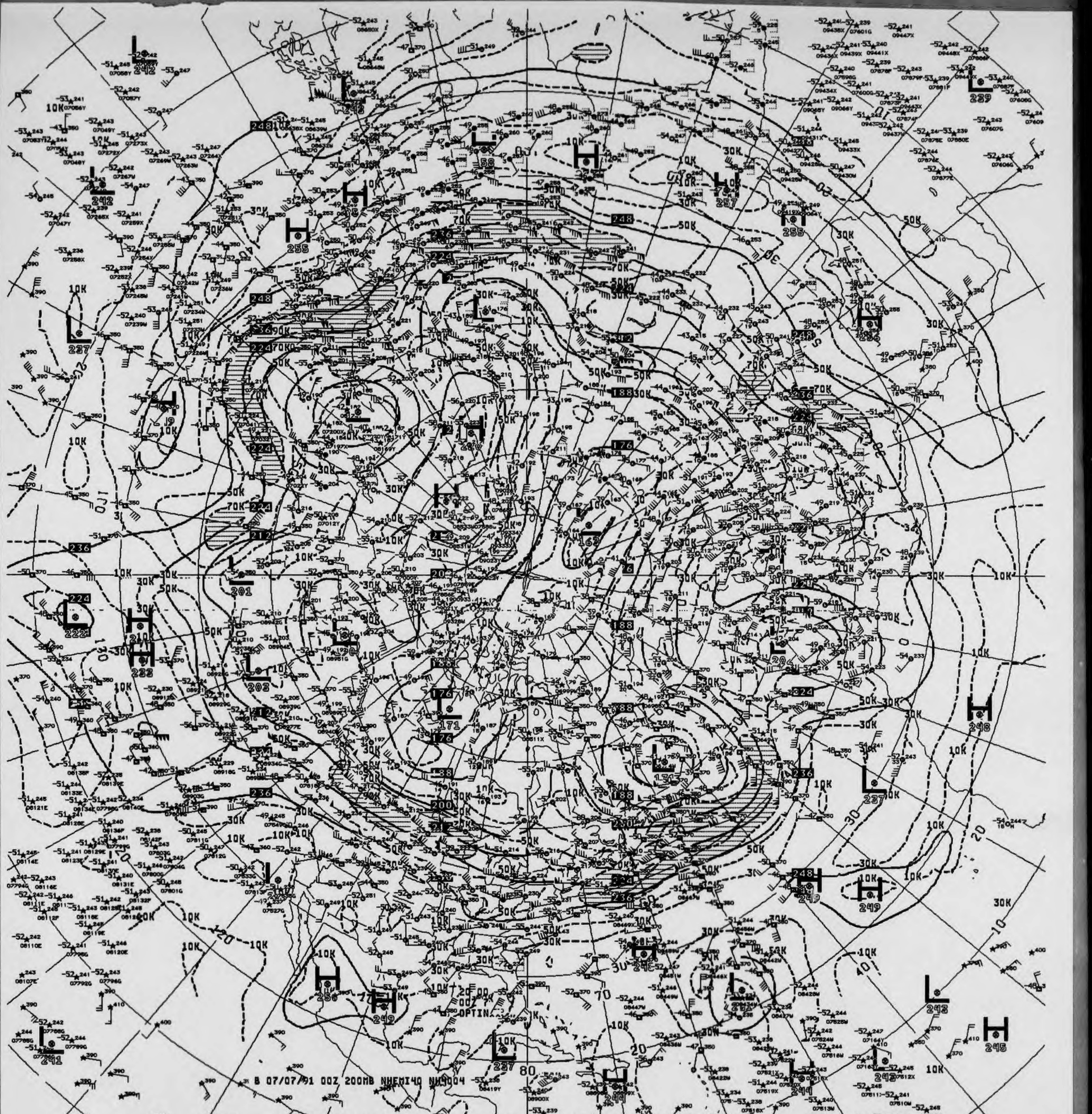
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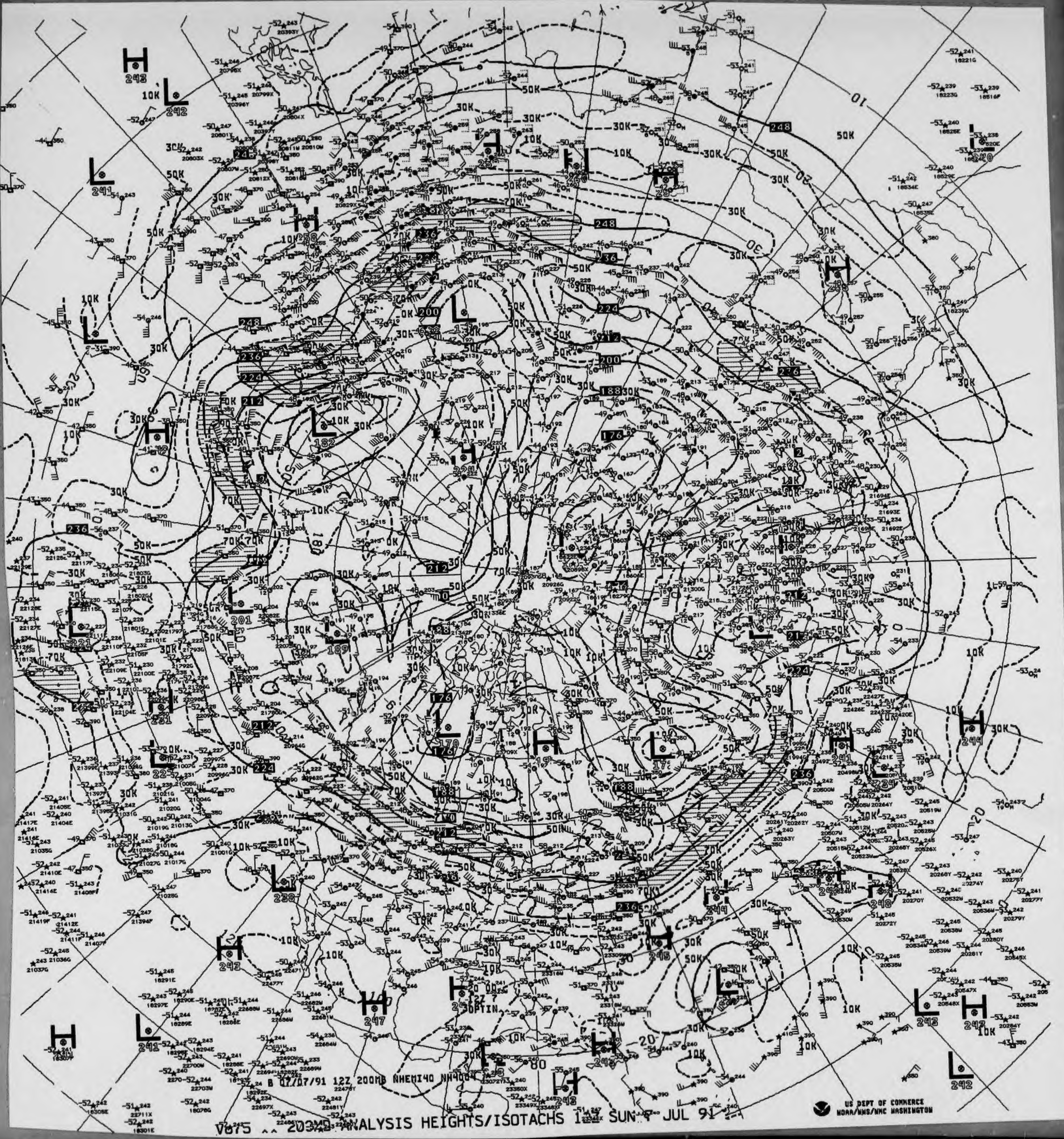
V825 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 7 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/07/91 12Z 200MB NHEMI40 NH4084
H
L
248
236
224
212
200
188
176
10K
30K
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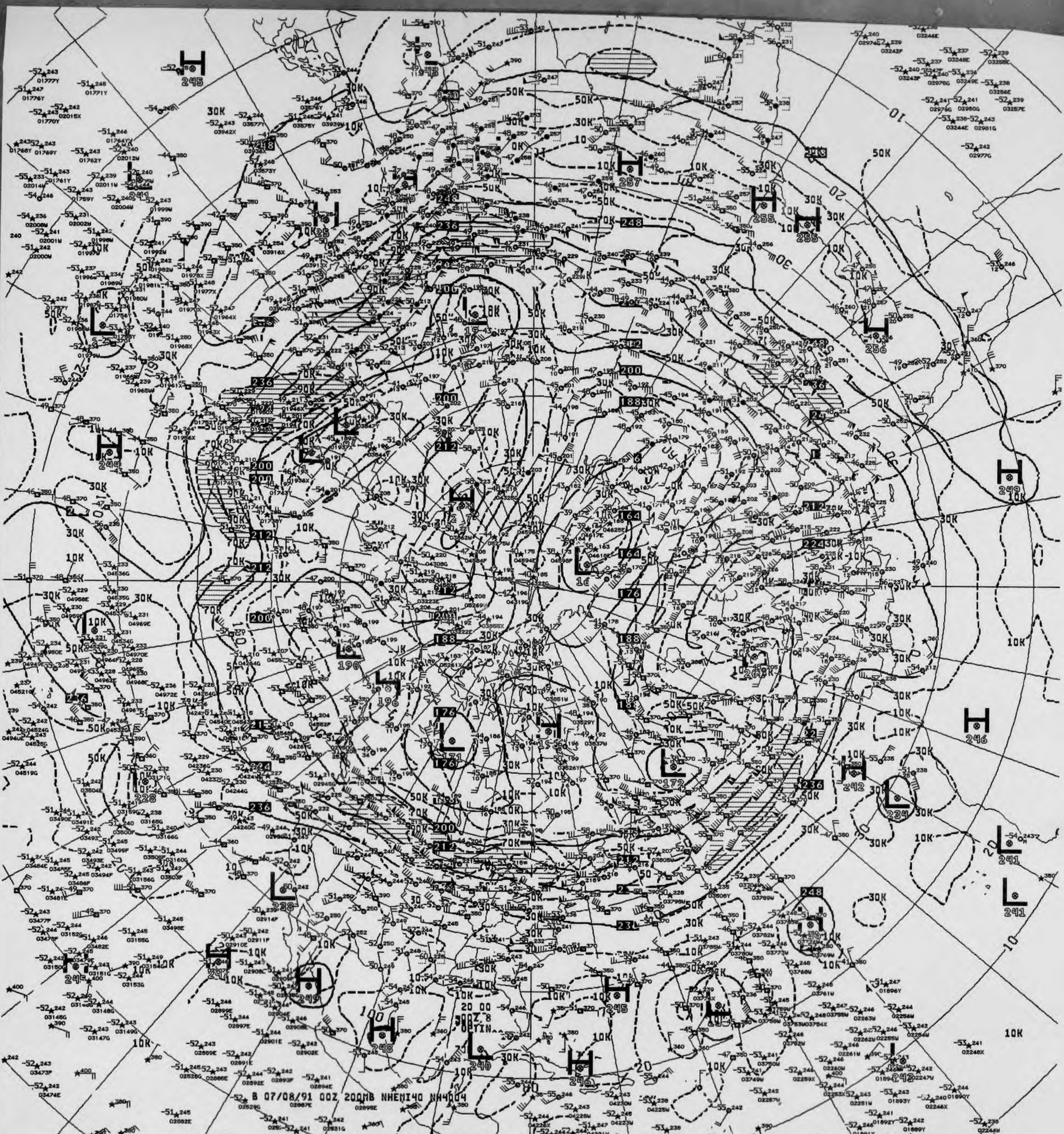
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V075 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 7 JUL 91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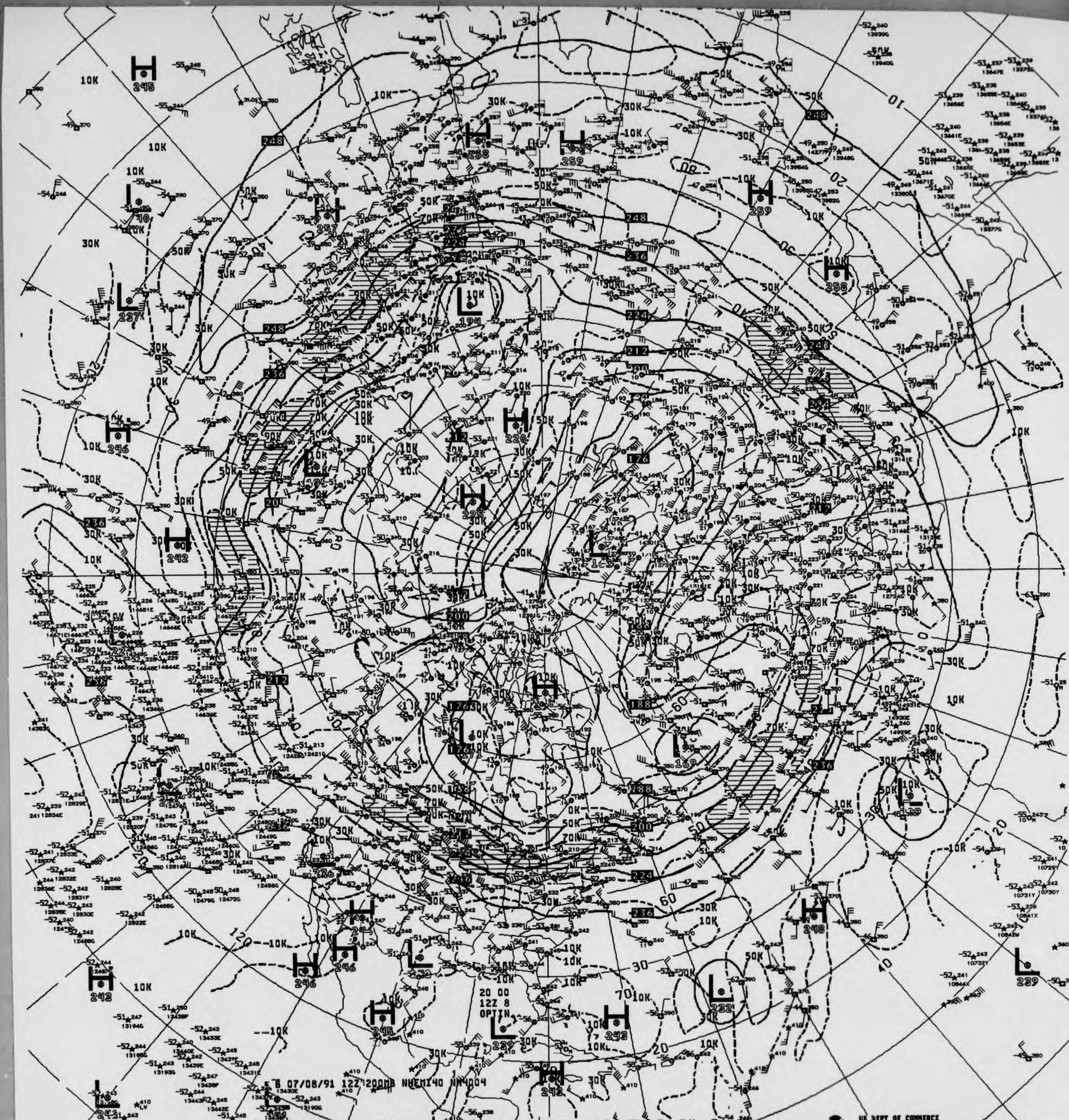
V825 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 8 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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12Z 8
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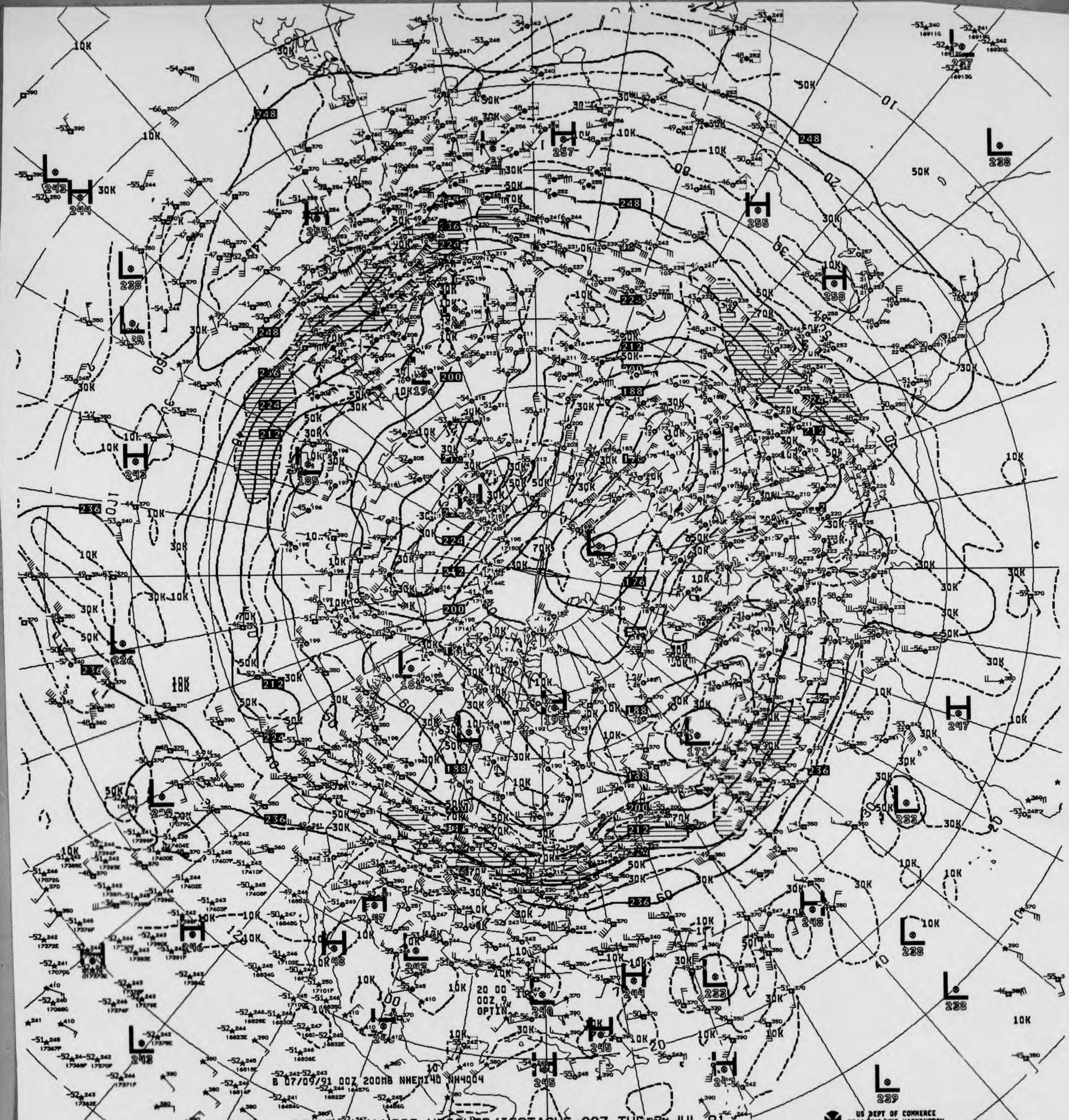
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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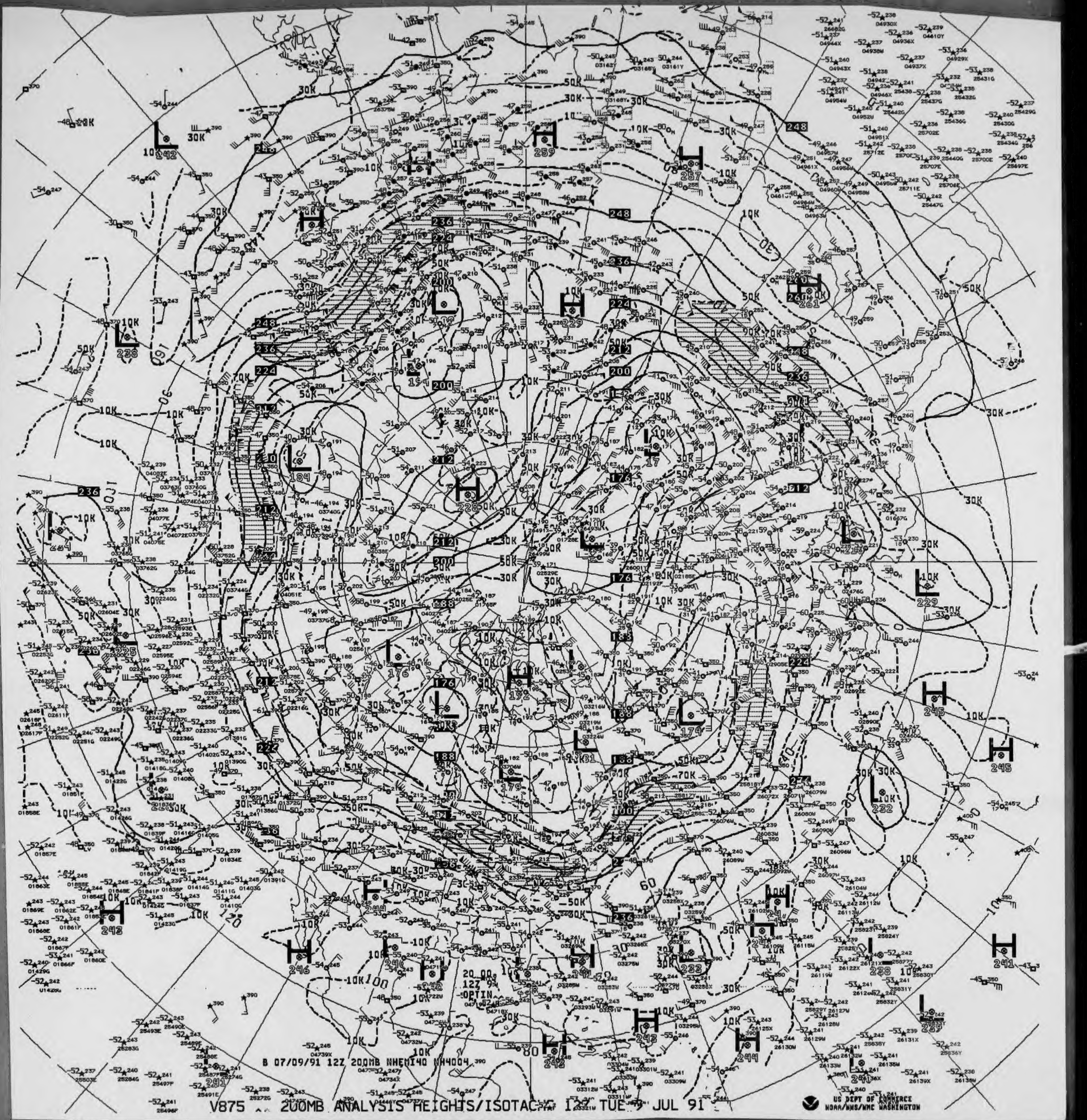
00Z 9
OPTIN

V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 9 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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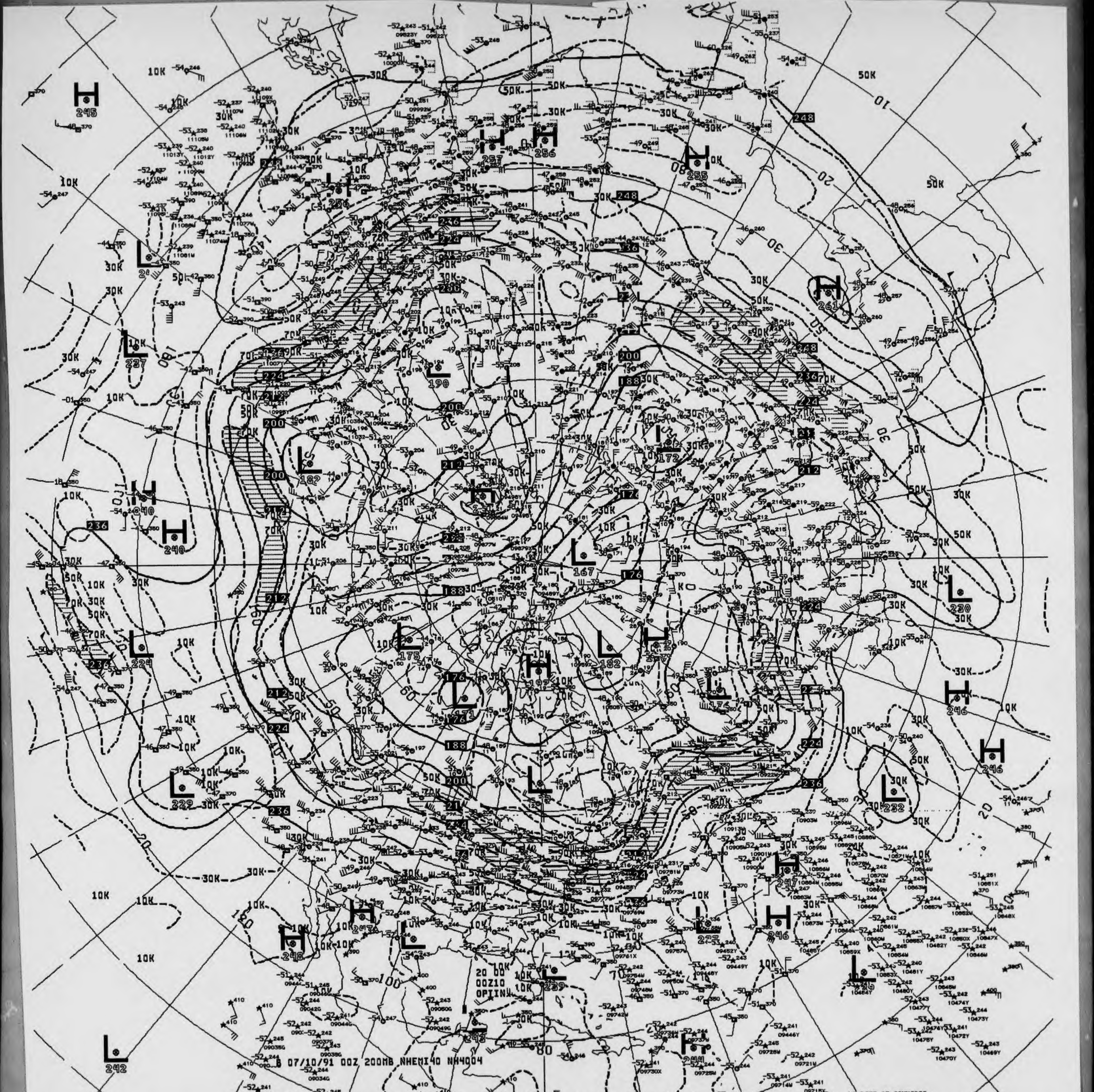
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 9 JUL 91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20 00
00Z10
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H 255
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H 261
H 240
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L 224
L 229
L 242
L 190
L 182
L 175
L 167
L 172
L 182
L 176
L 230
L 232
L 225
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30K
50K
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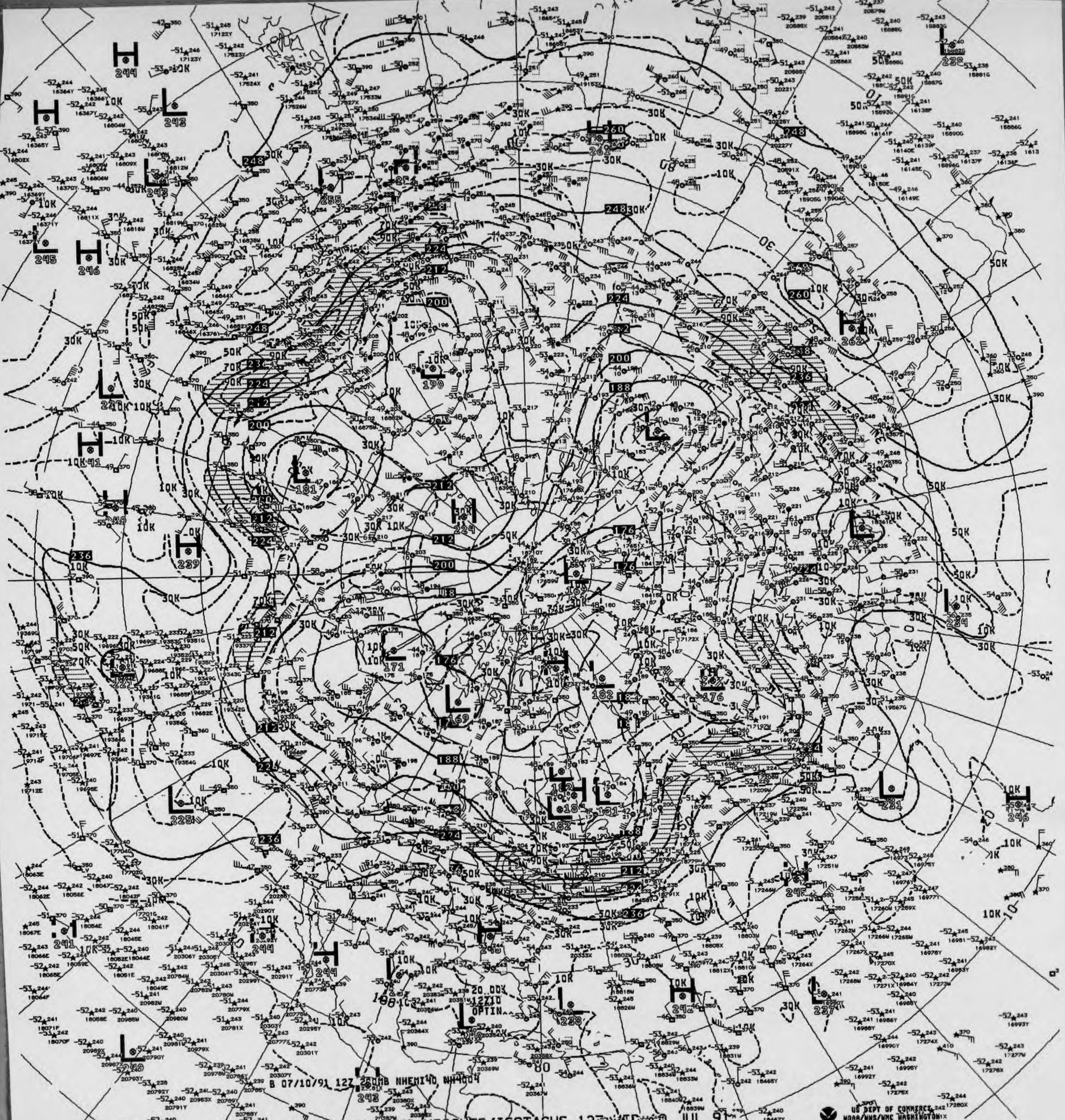
V825 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 10 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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V875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 10 JUL 91

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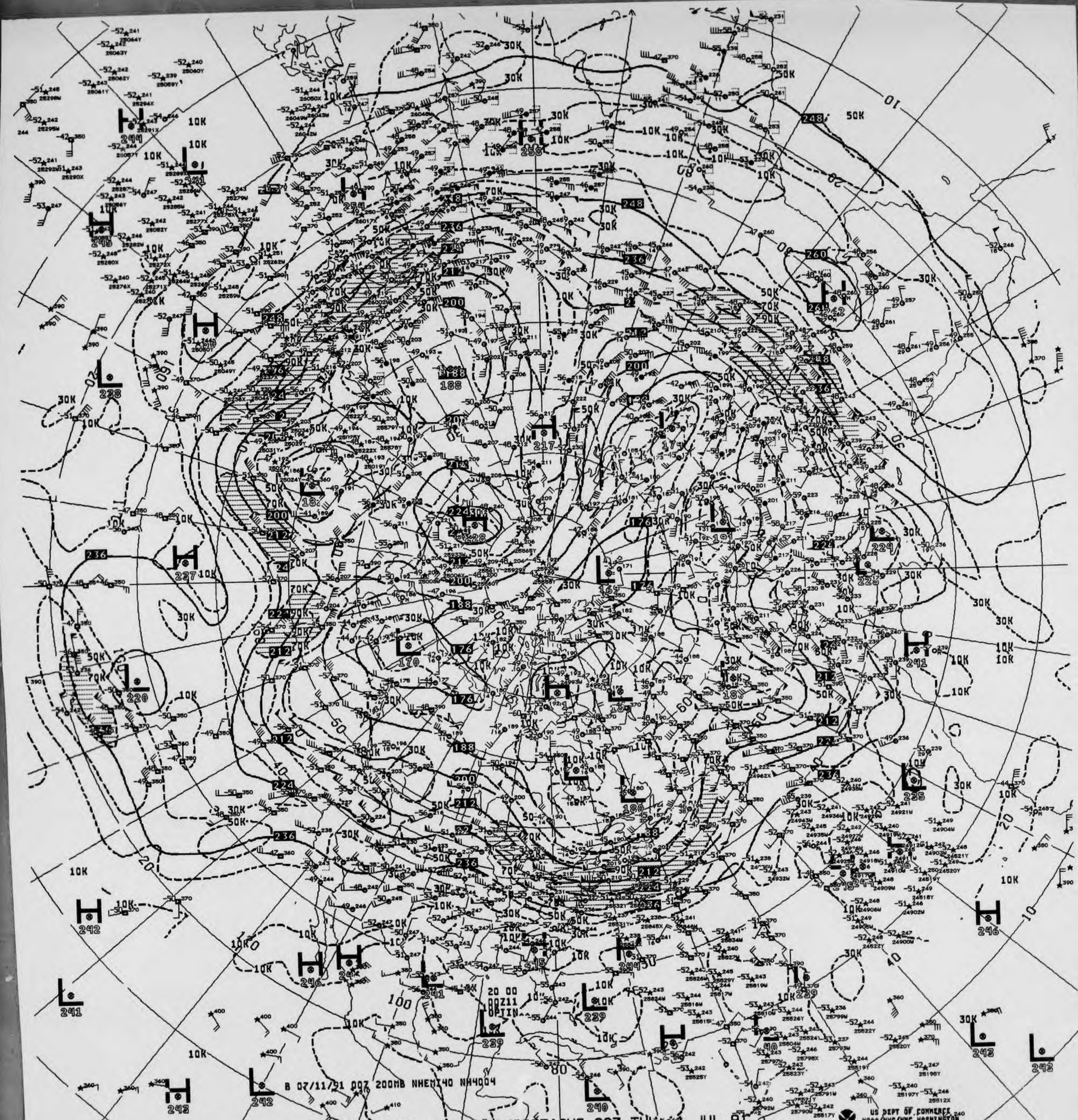
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00Z11
OPTIN
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30K
50K
70K
90K
248
260
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239
240
243
244
249
220
227
228
235
231
180
170
175
171
188
217
224
256
254
10
20
30
40
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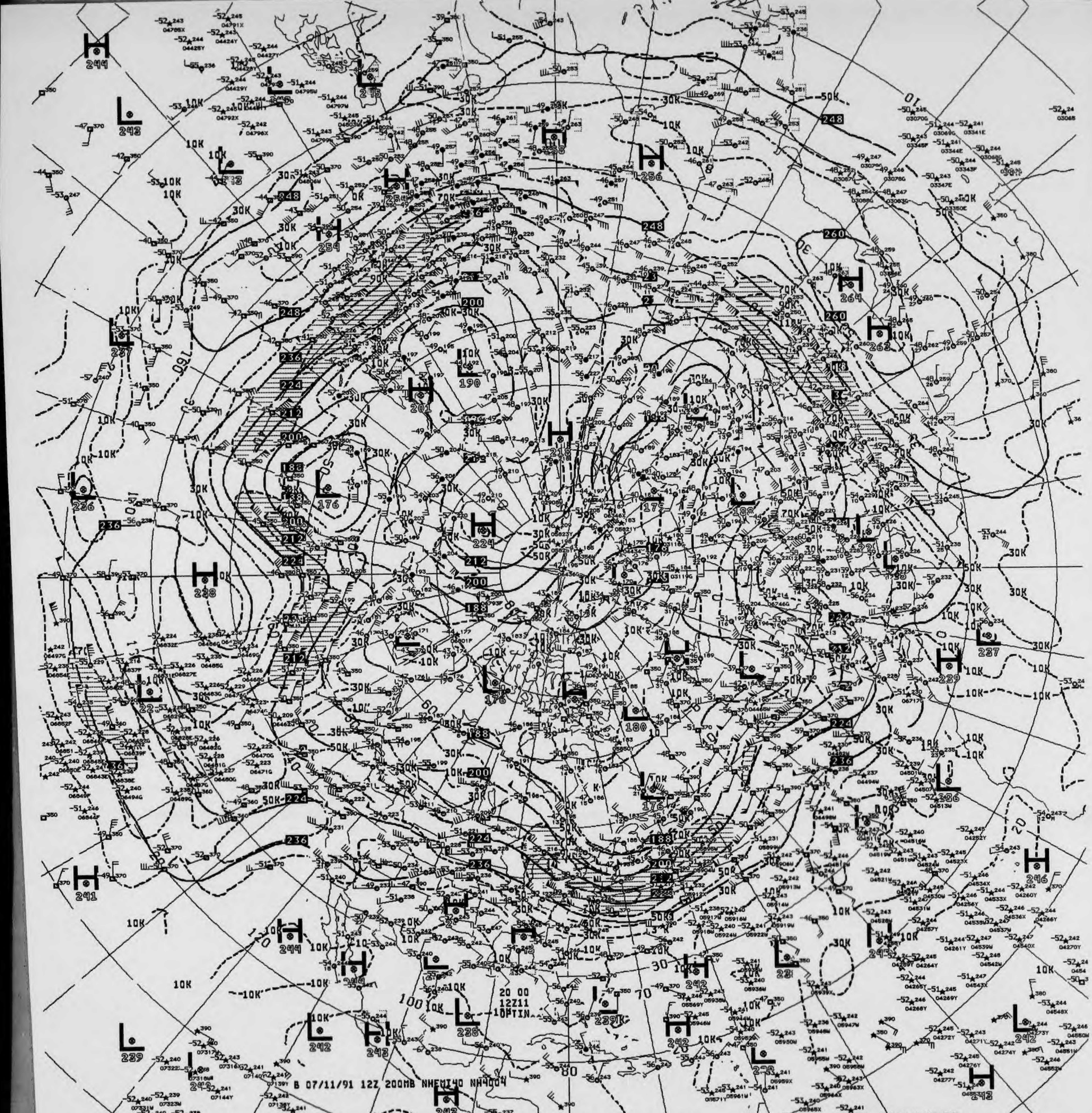
V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 11 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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10PTIN
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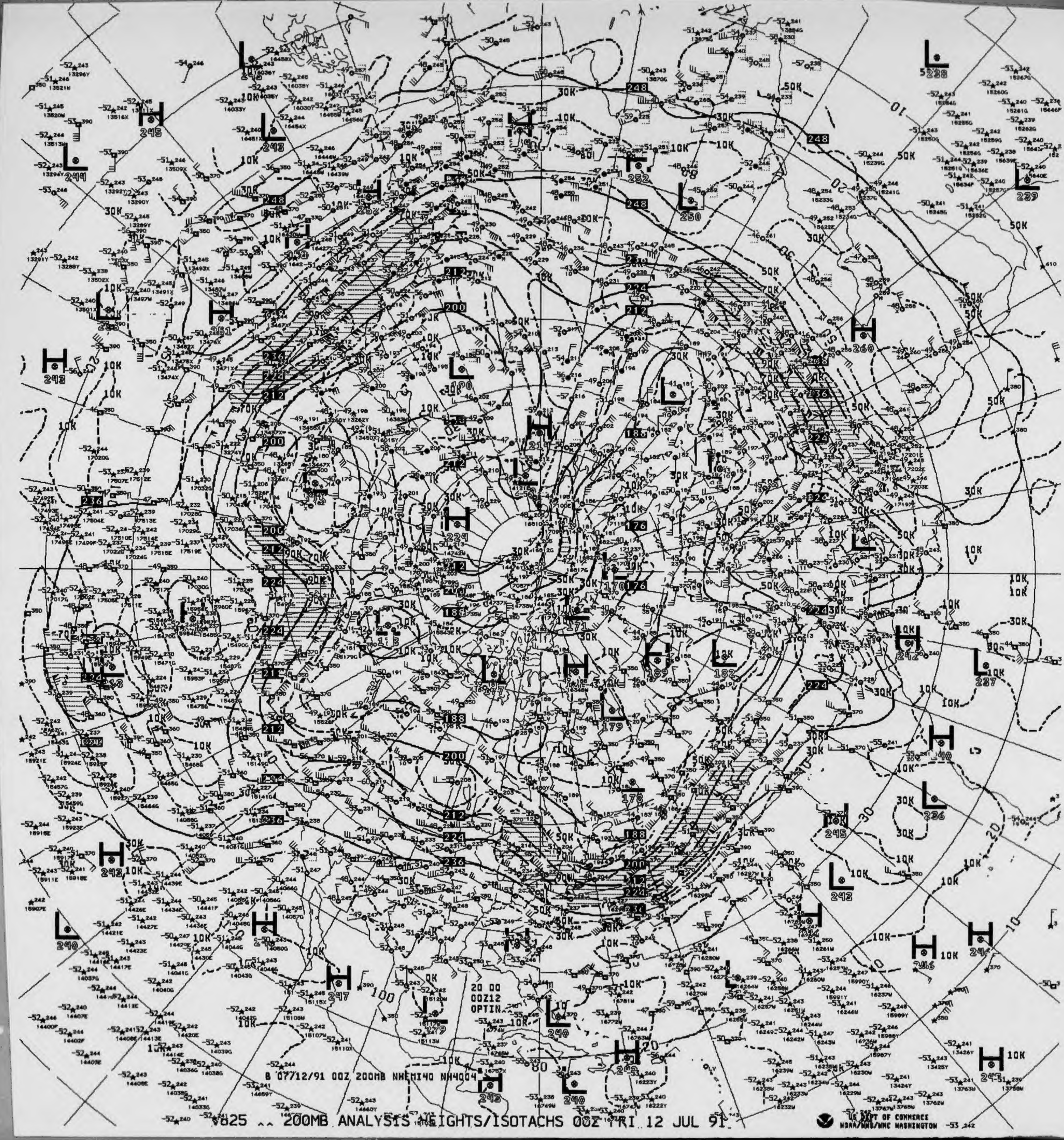
8275 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z THU 11 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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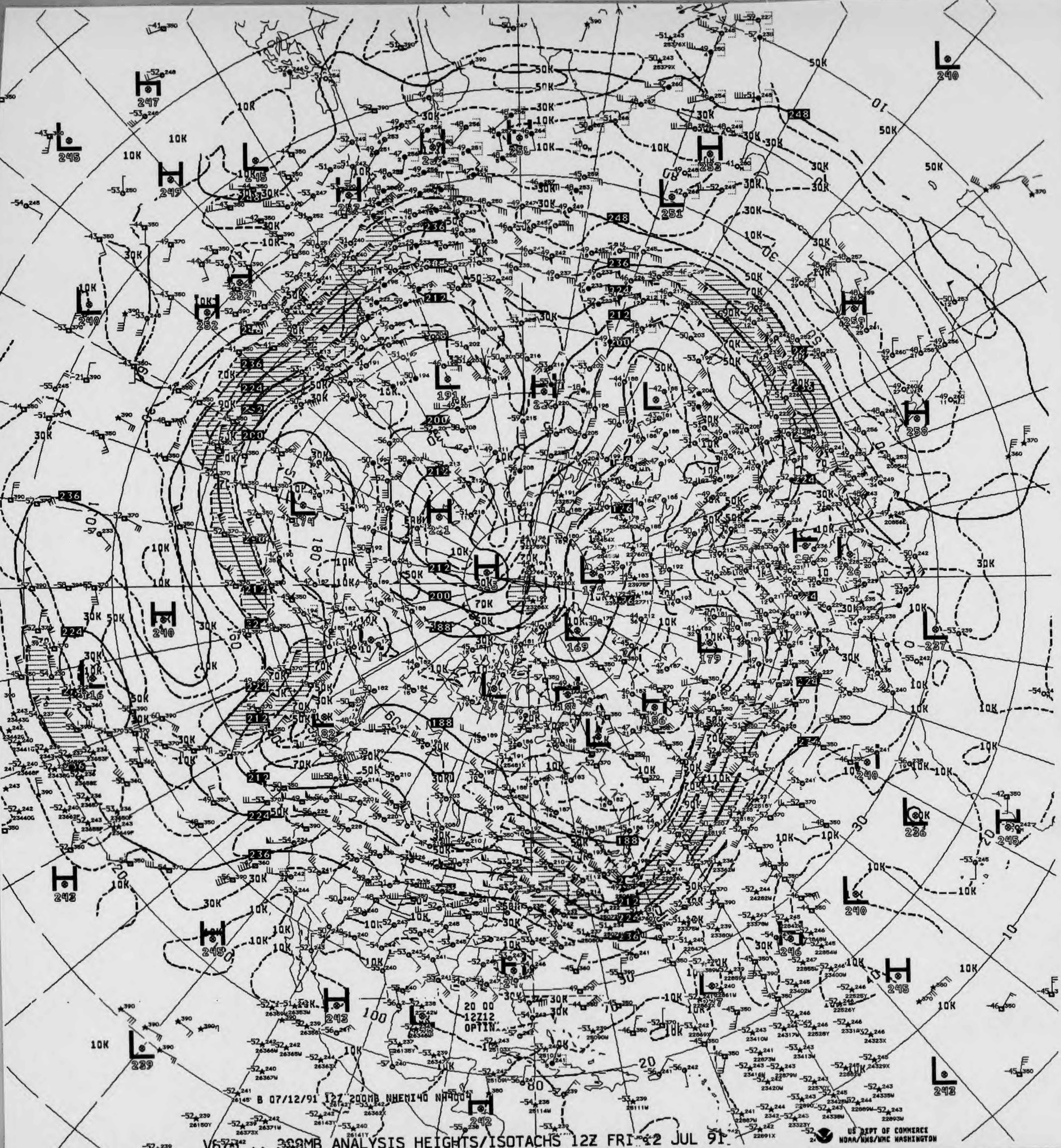
00Z12
OPTIN
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 12 JUL 91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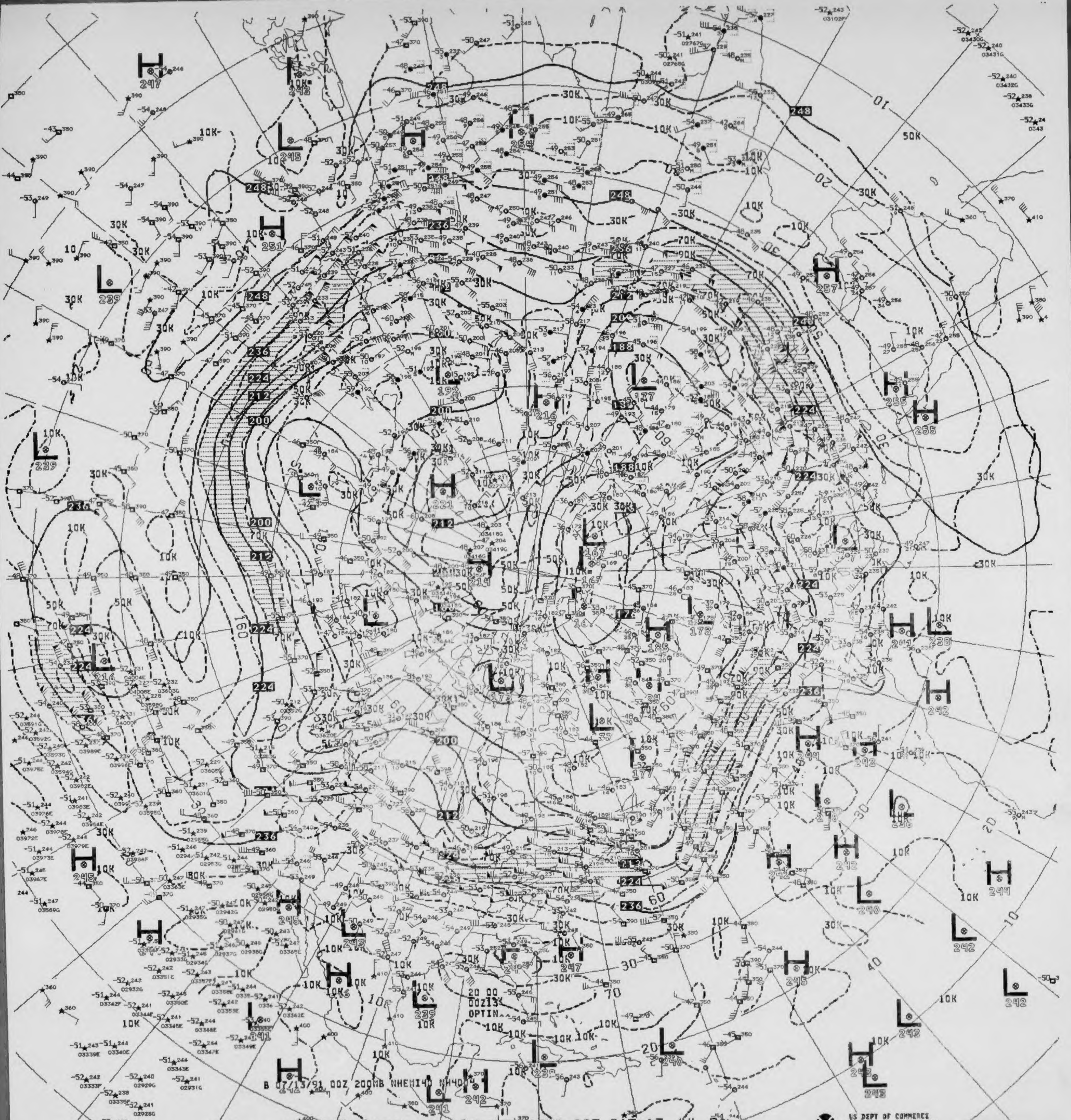
20 00
12Z12
OPTIN

V678 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 12 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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20 00
00Z13
OPTIN
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H 242
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L 239
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212
200
188
10
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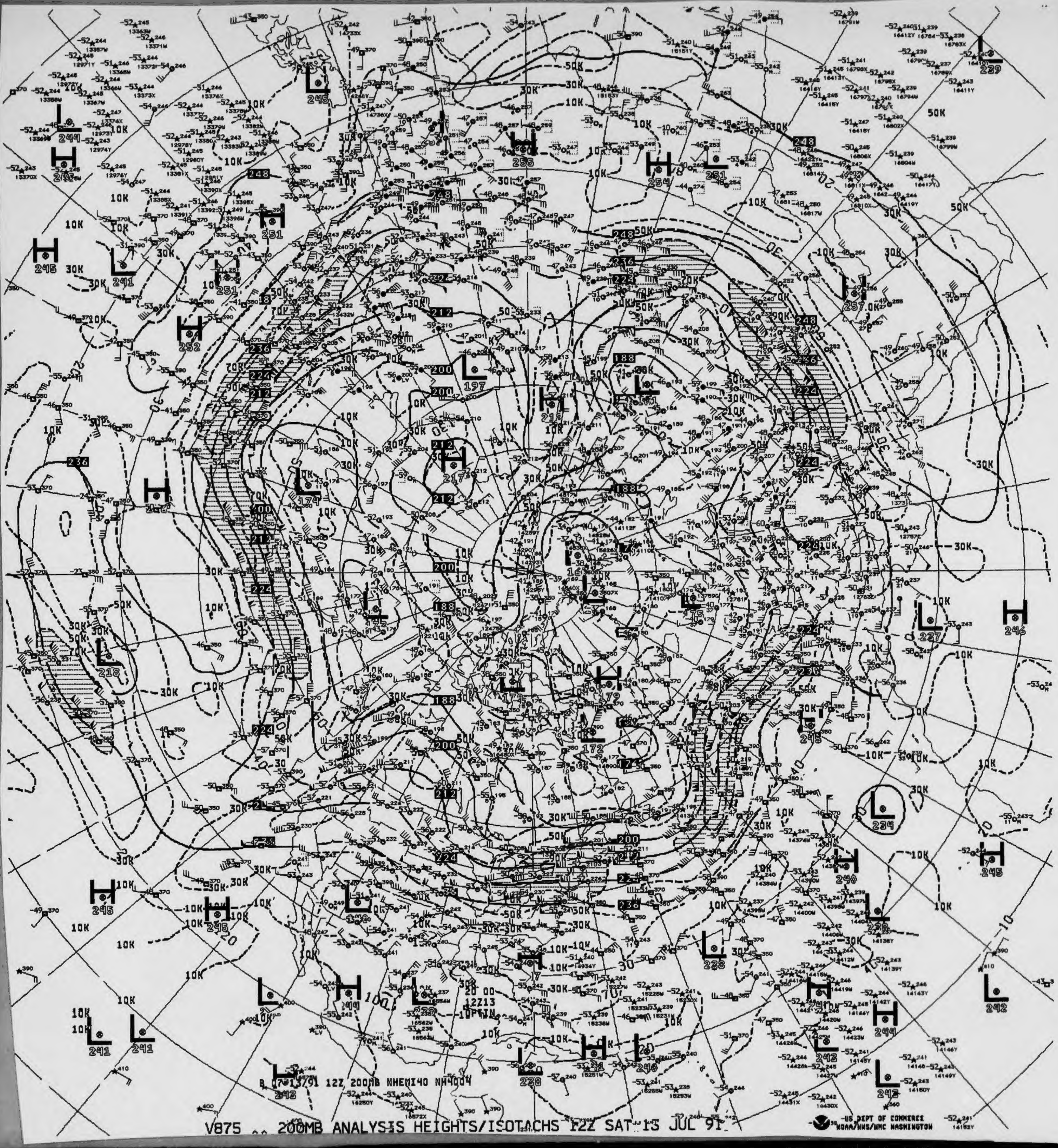
60

V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SAT 13 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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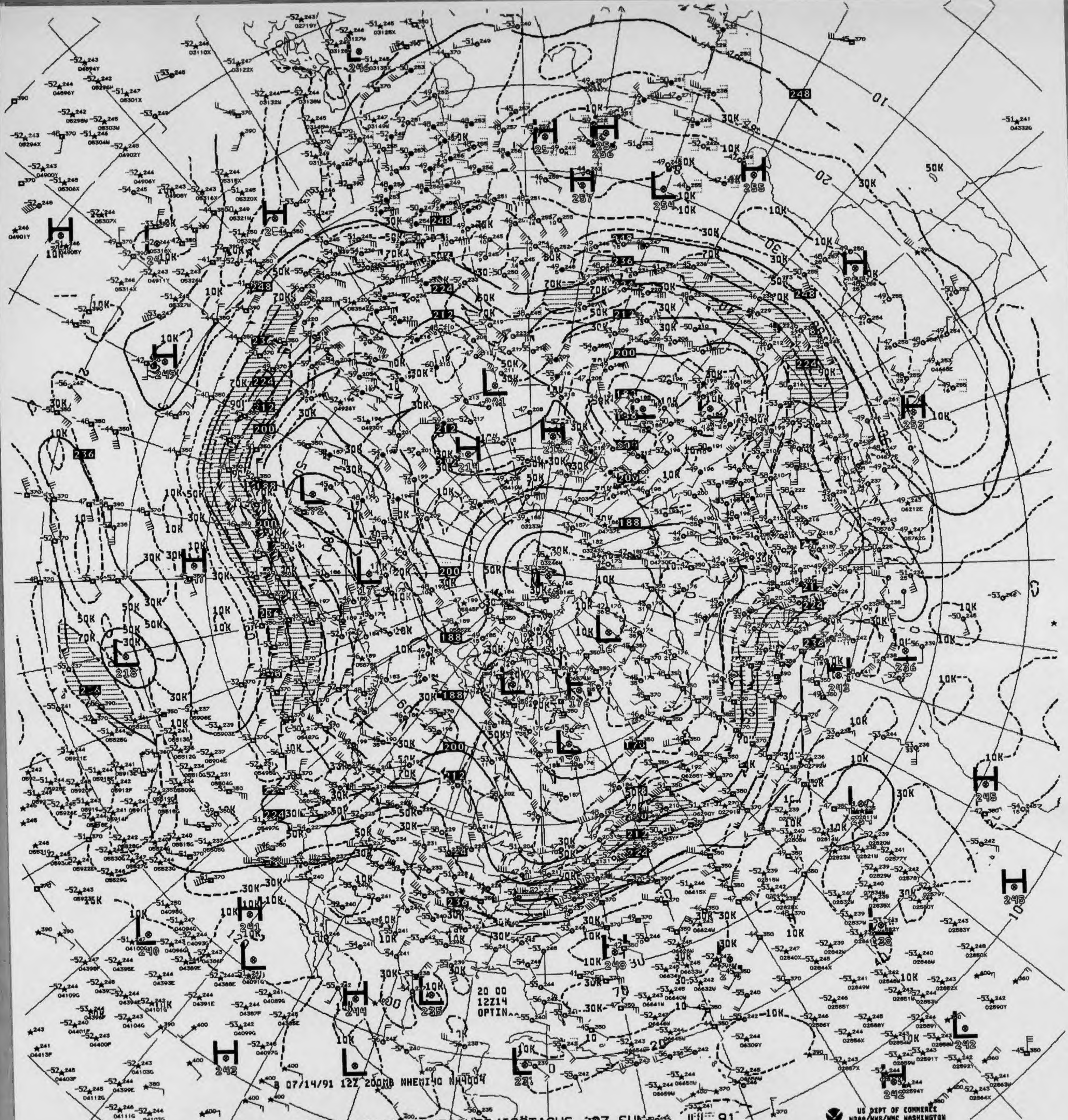
V875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 13 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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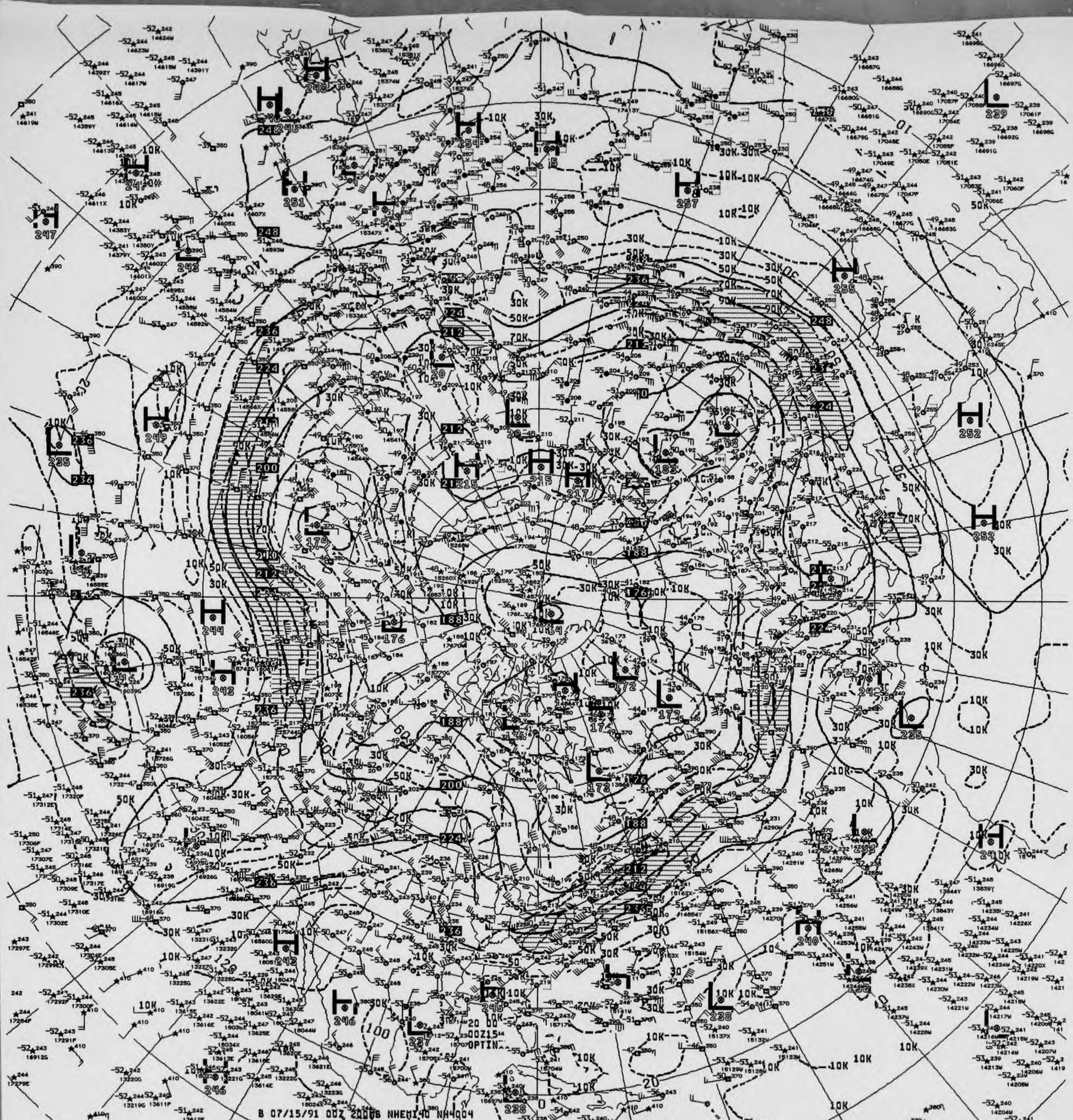
V875 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 14 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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00Z15
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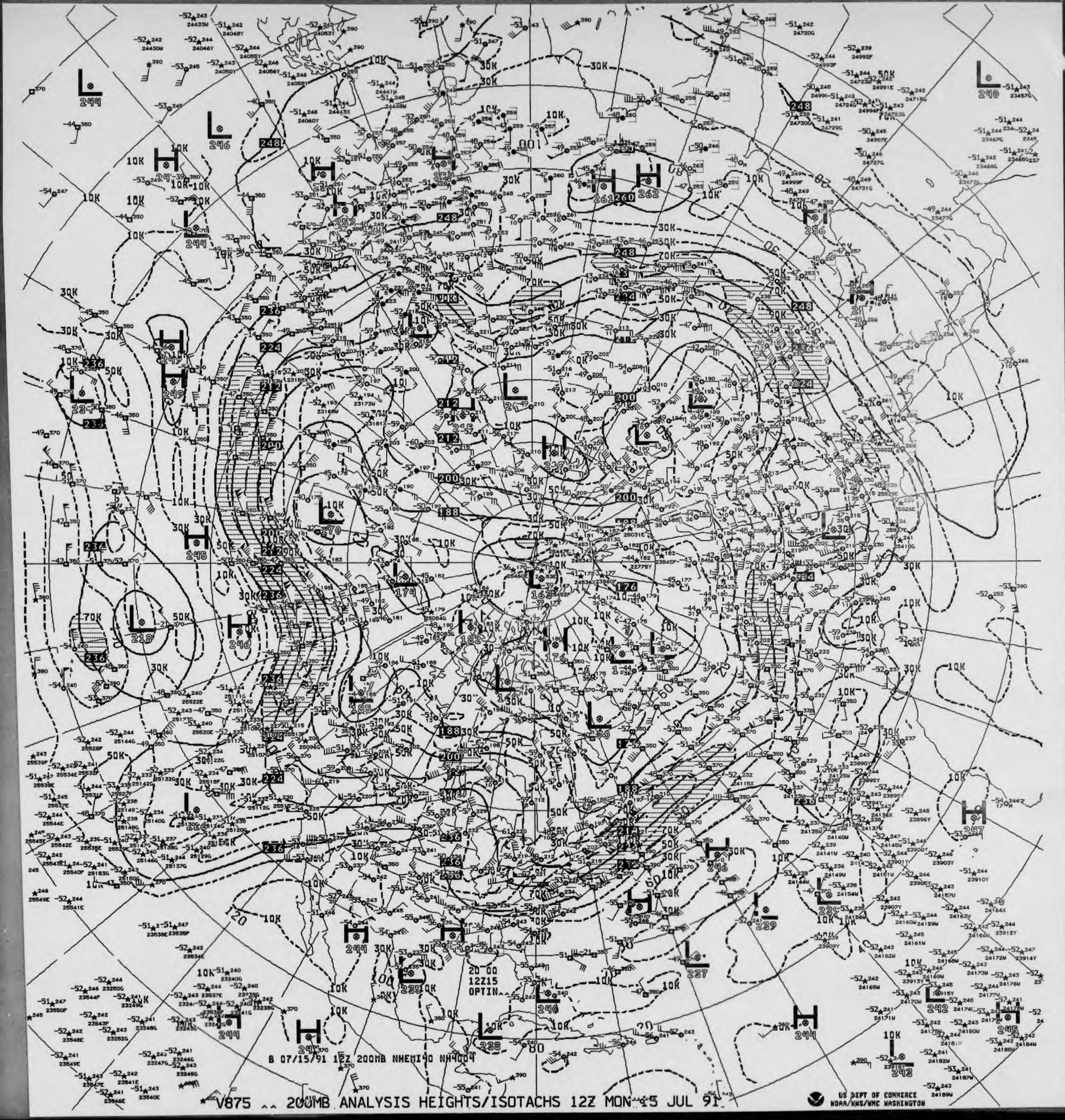
V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 15 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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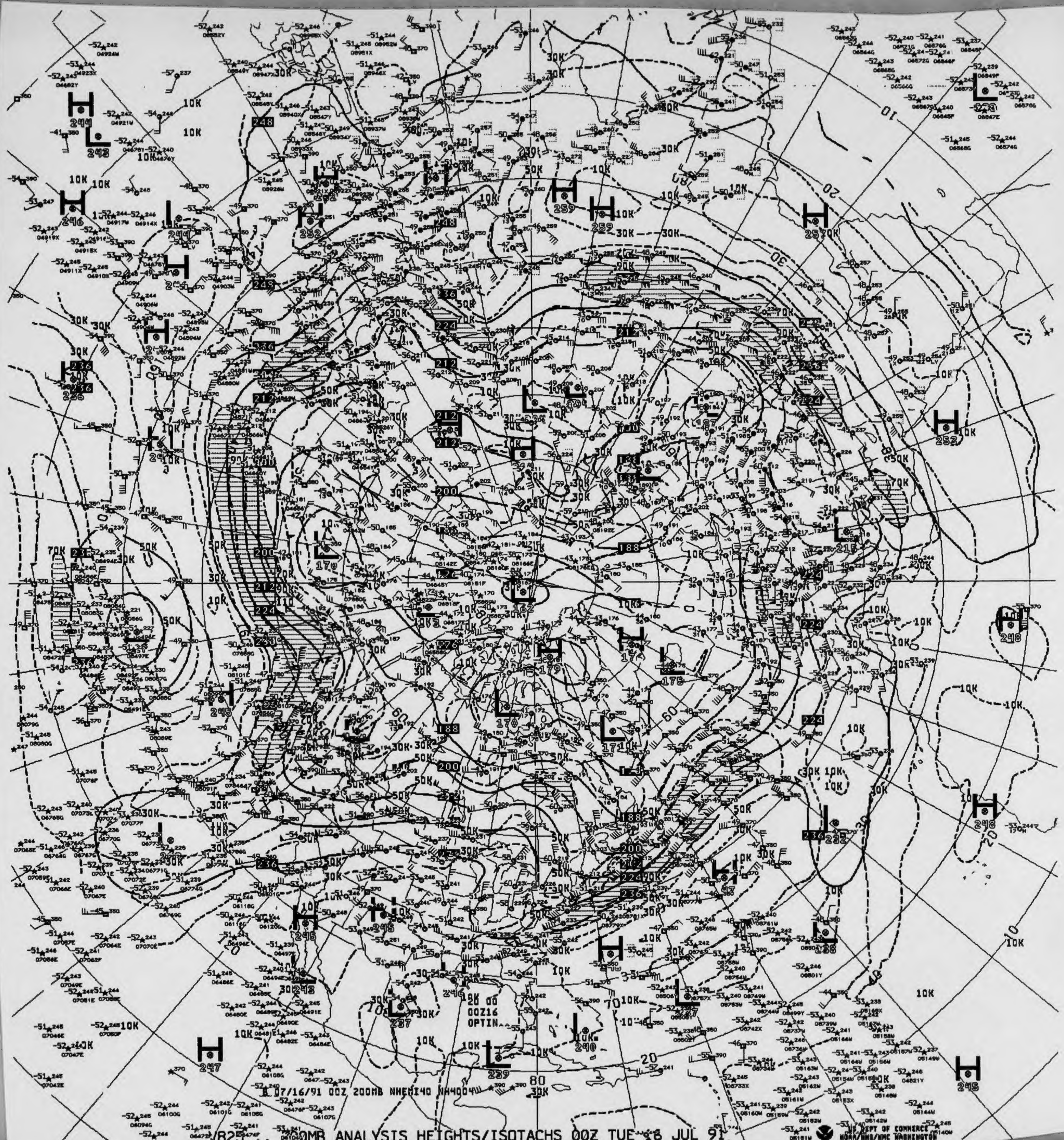
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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20 00
00Z16
OPTIN
10K
30K
50K
70K
90K
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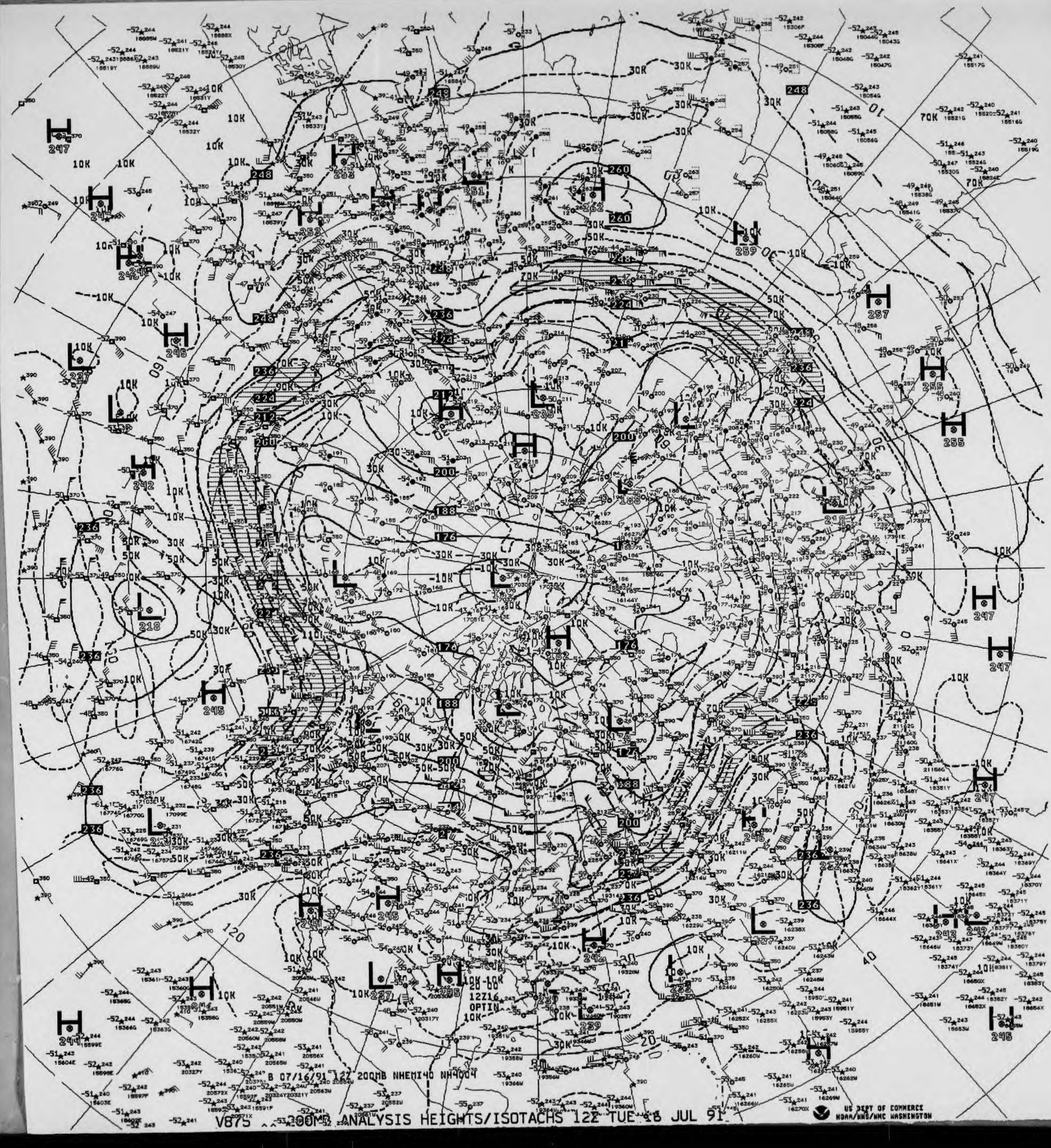
825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 16 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



12Z16
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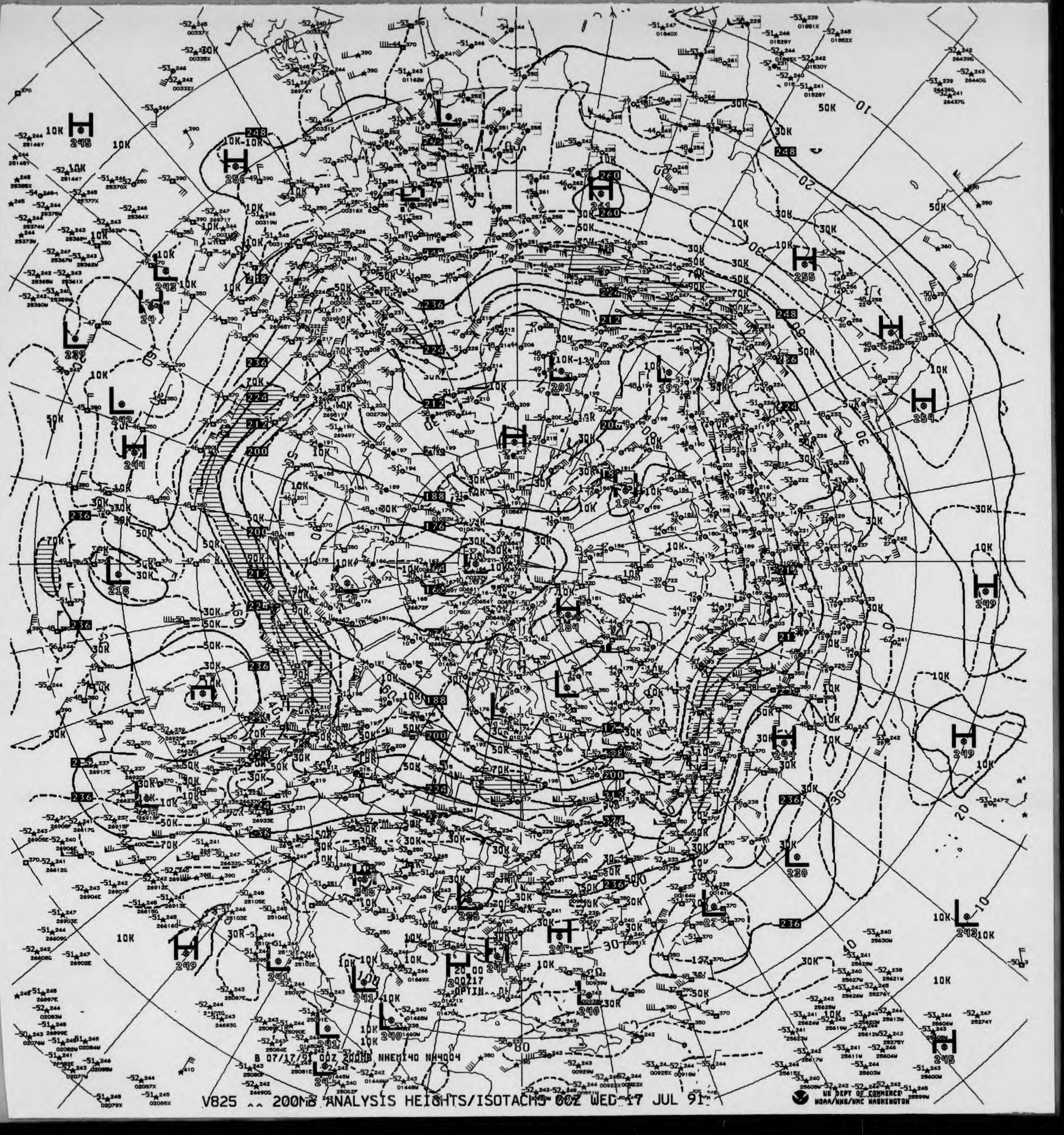
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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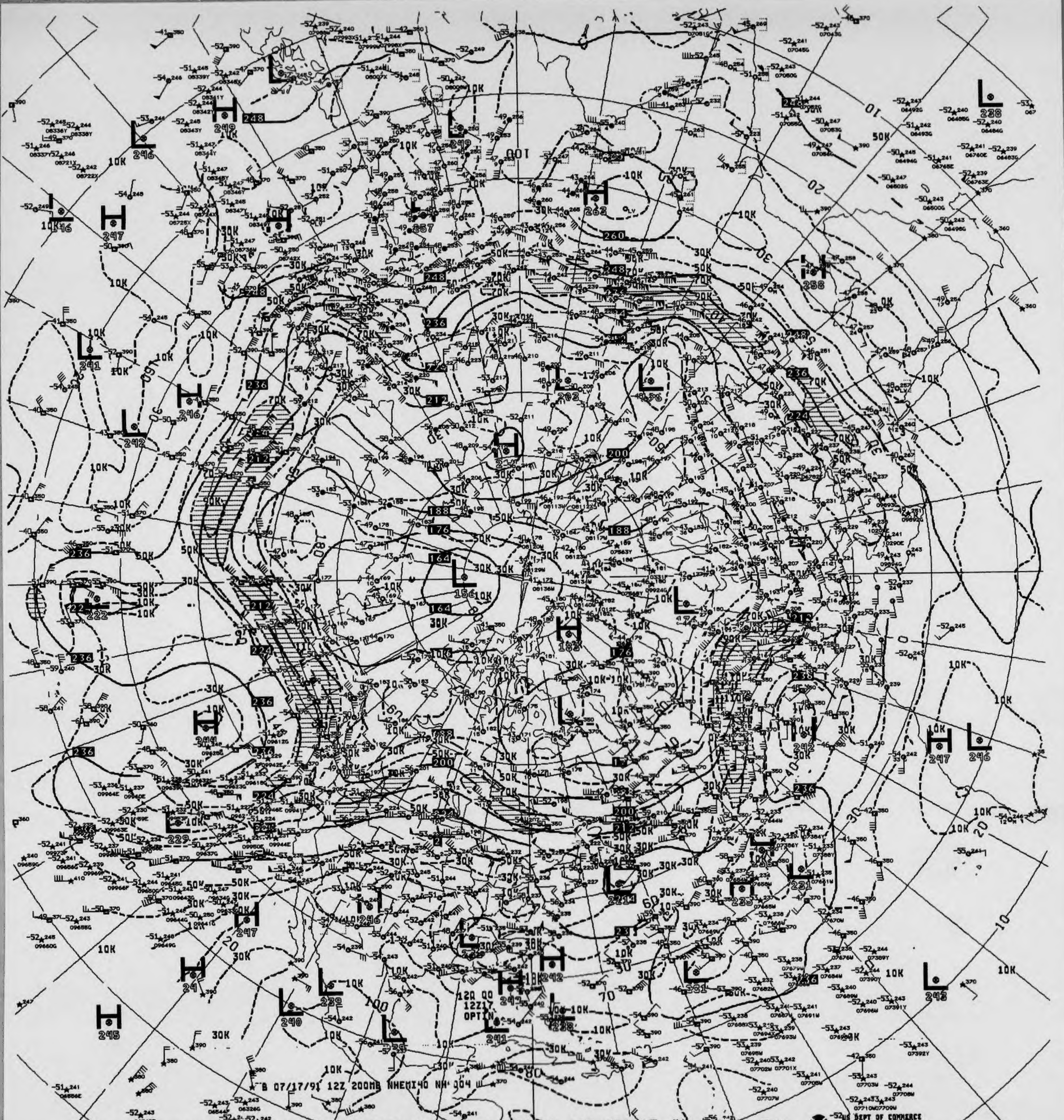
V825 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 17 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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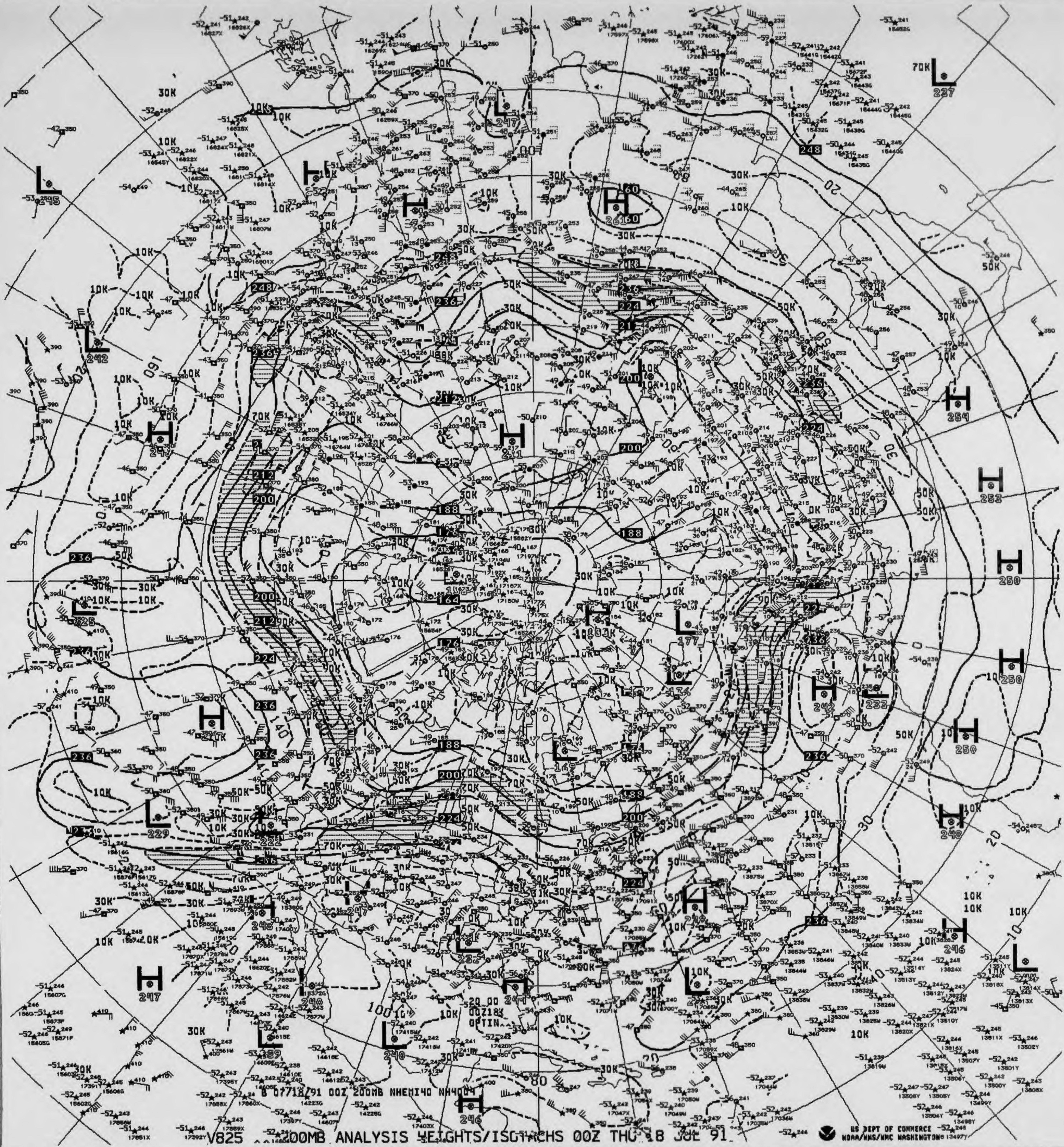
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 17 JUL 91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20 00 00Z18X
OPTIN
H
L
10K
30K
50K
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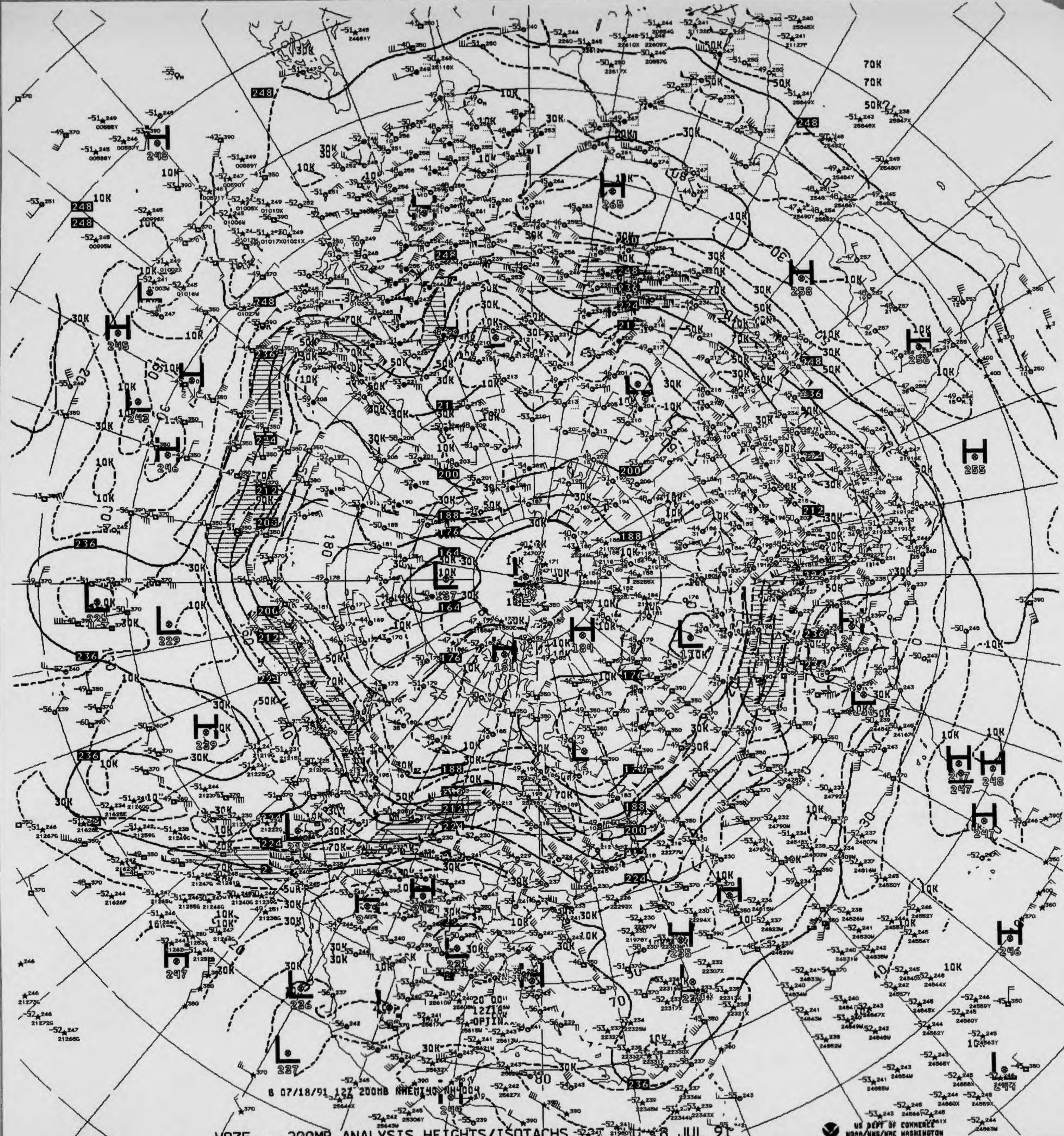
V825 ^^200MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 18 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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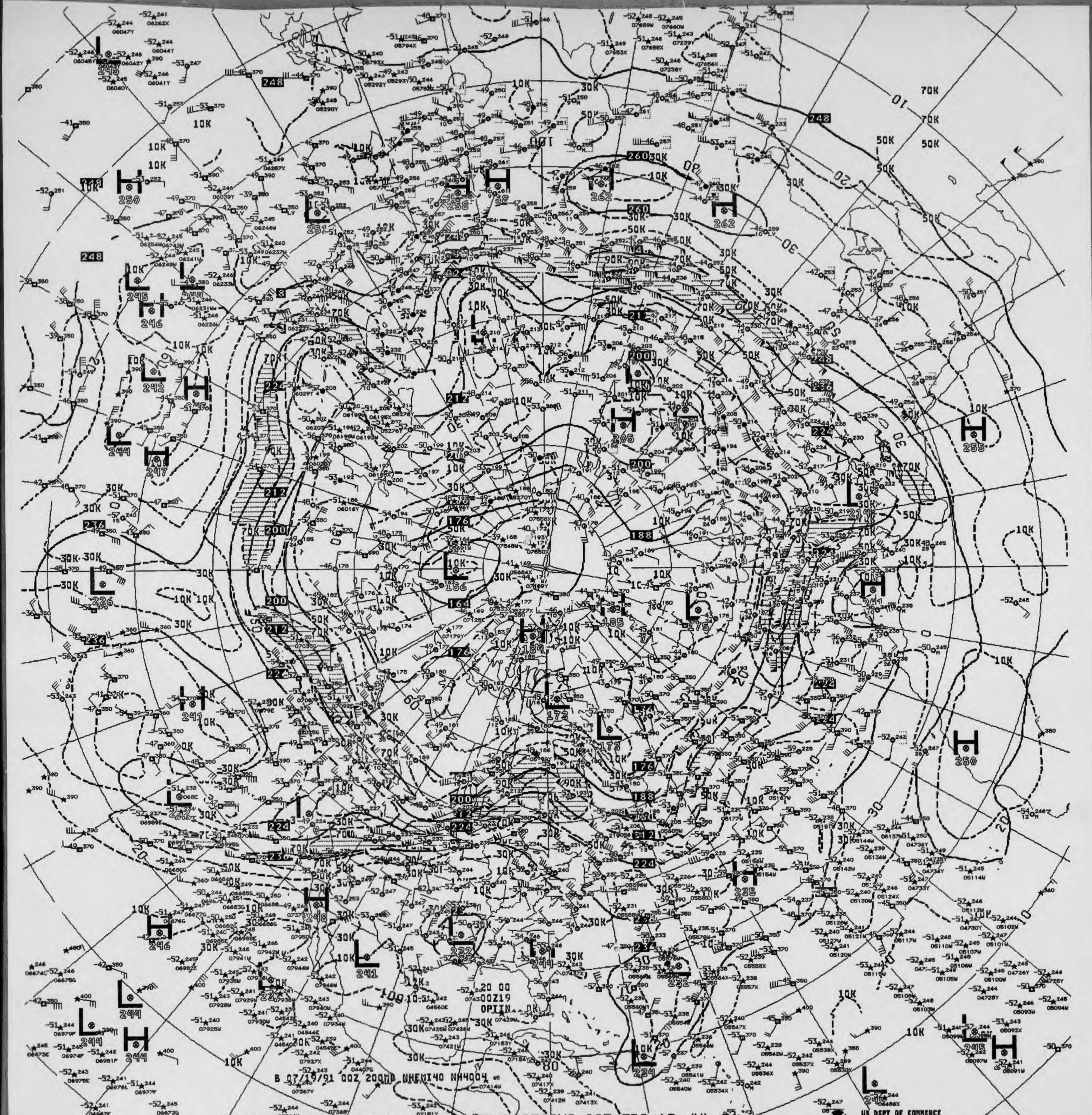
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


20 00
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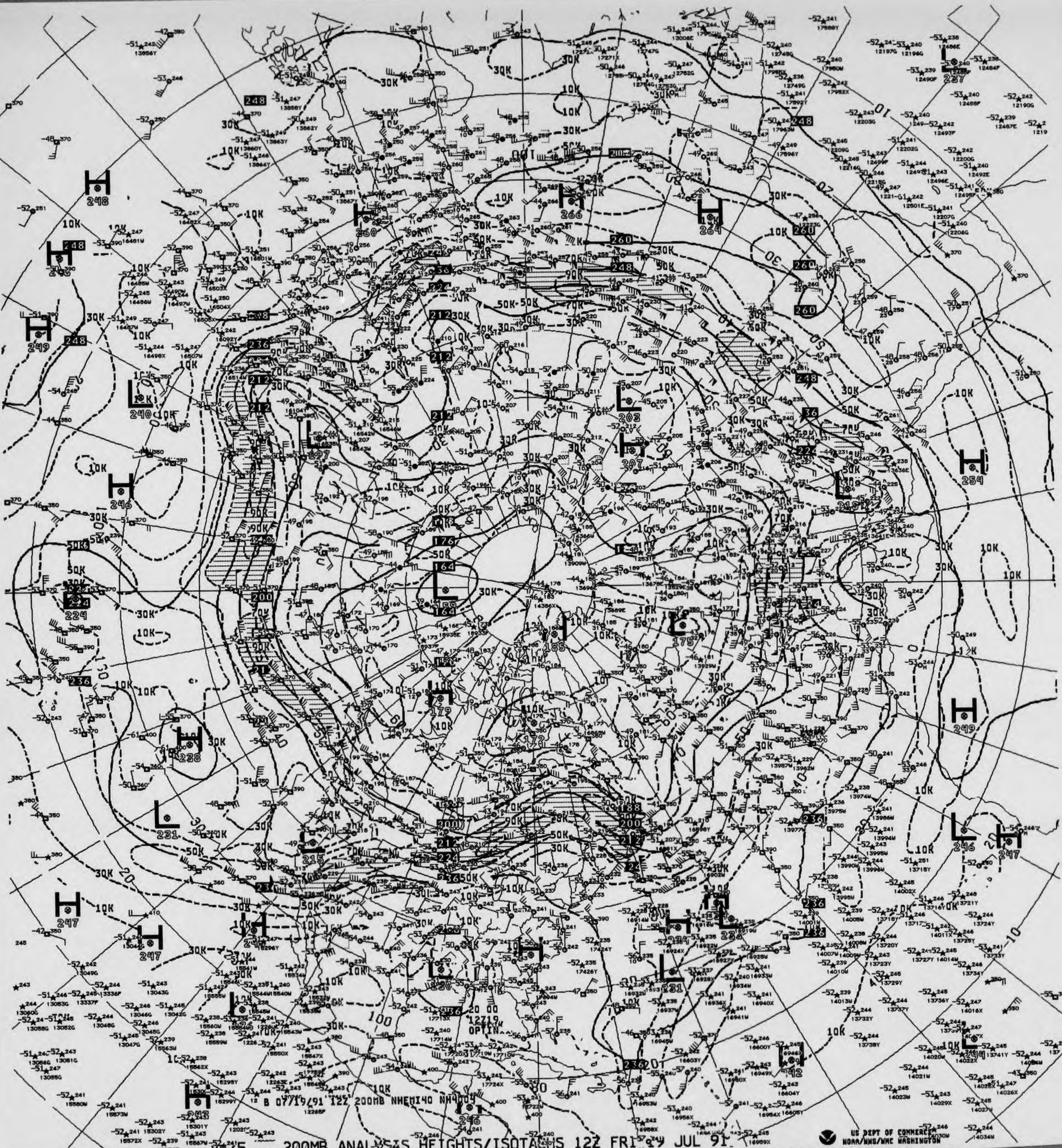
V825 .. 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 19 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


H 248
H 260
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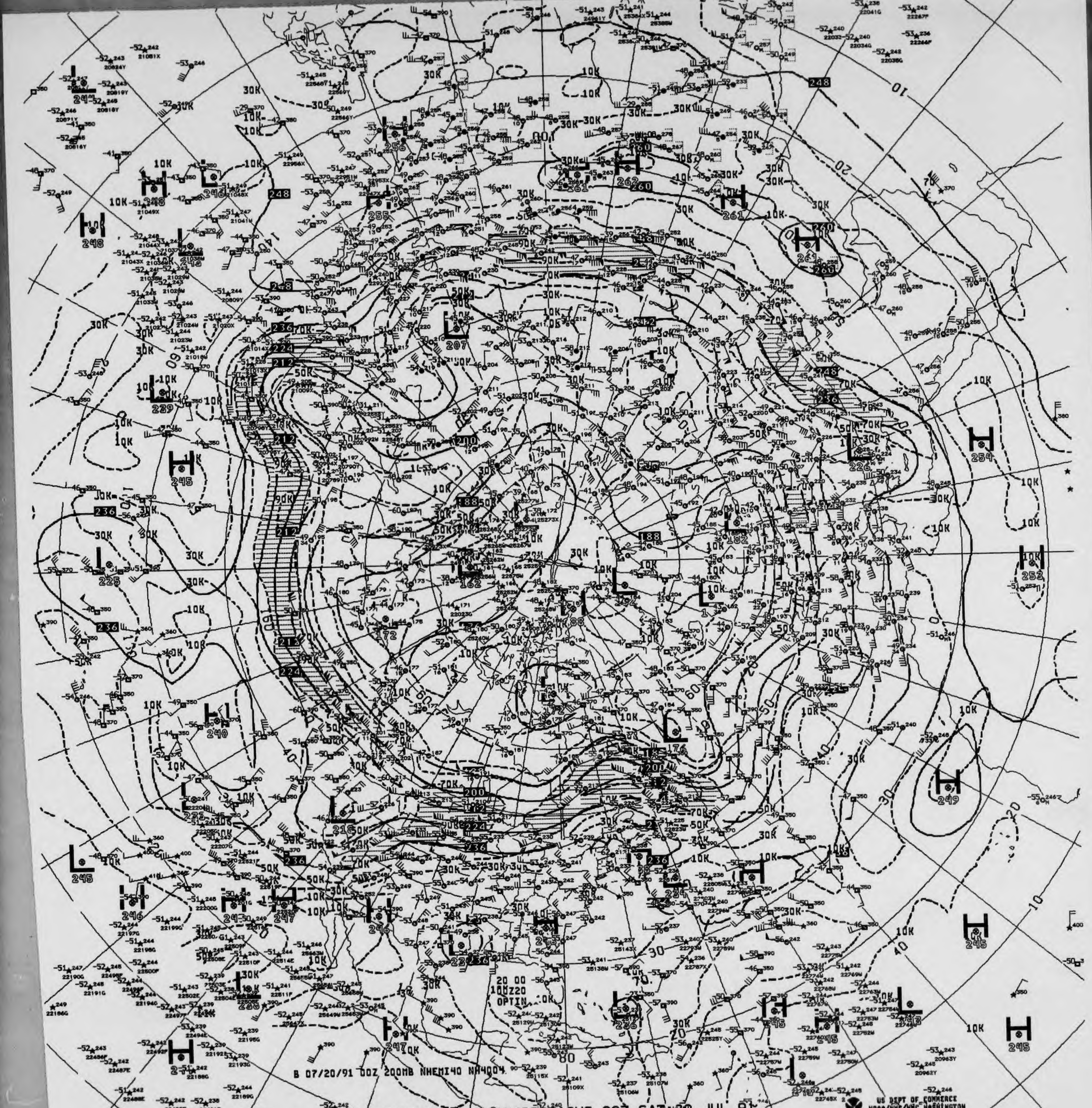
H 264
H 249
L 240
L 237
H 246
L 164
L 203
L 207
L 175
L 185
L 179
H 238
L 231
H 249
L 246
H 247
H 247
H 246
12Z19
OPTIN
B 07719/91 12Z 200MB NHEMI40 NH4004

V875 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 19 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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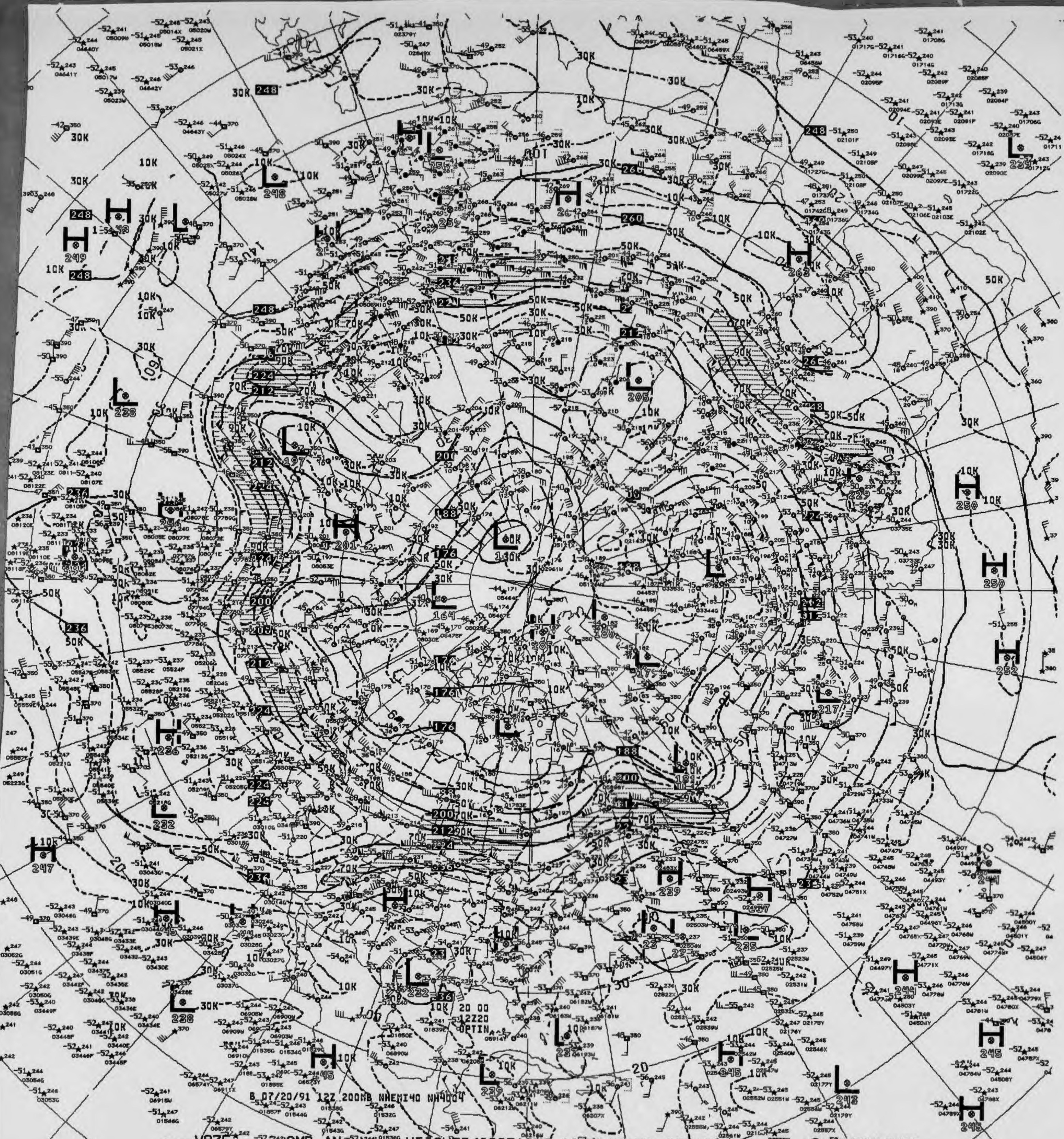
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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10K 20 00
12Z20
OPTIN
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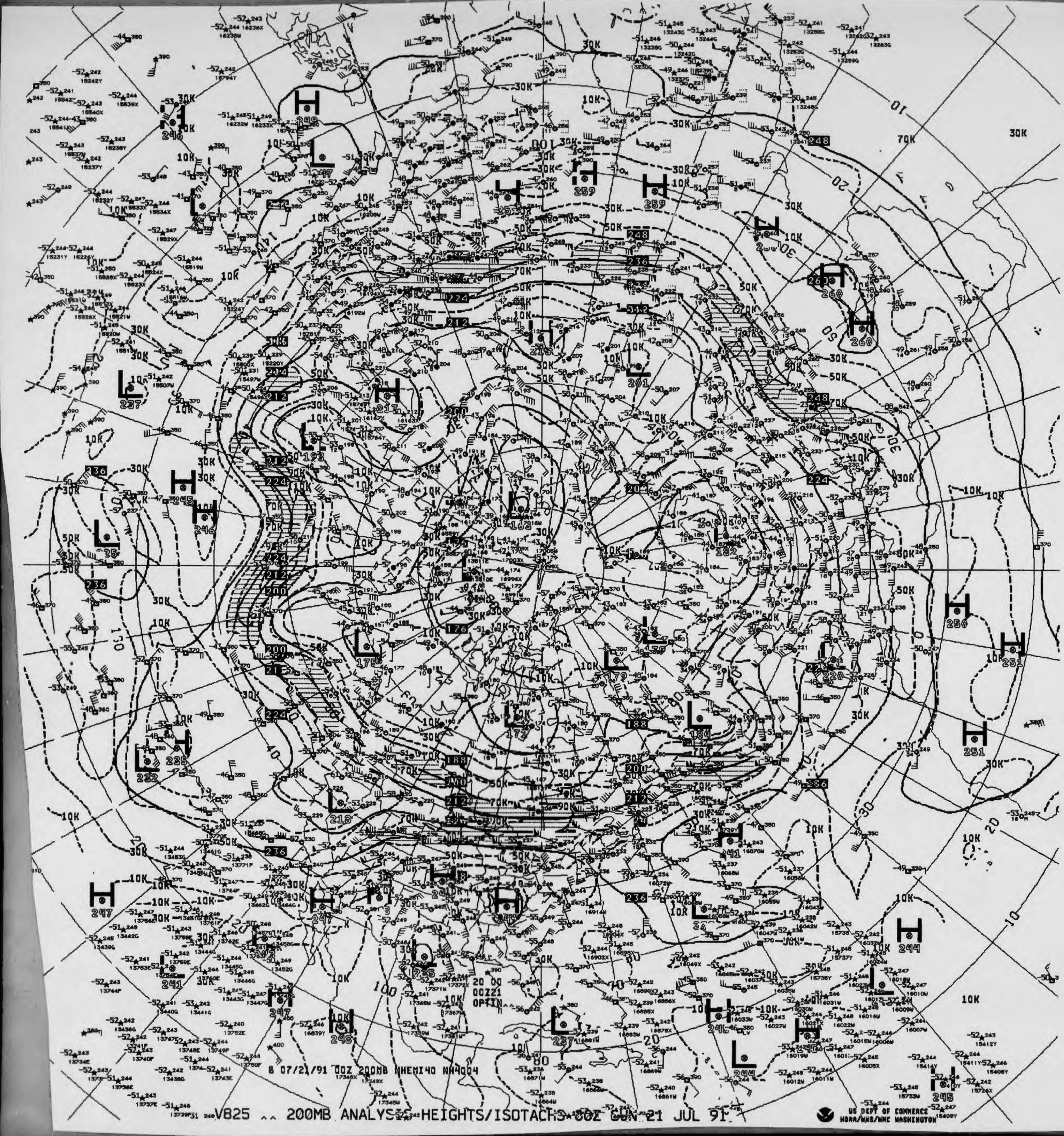
70K
10K

875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SAT 20 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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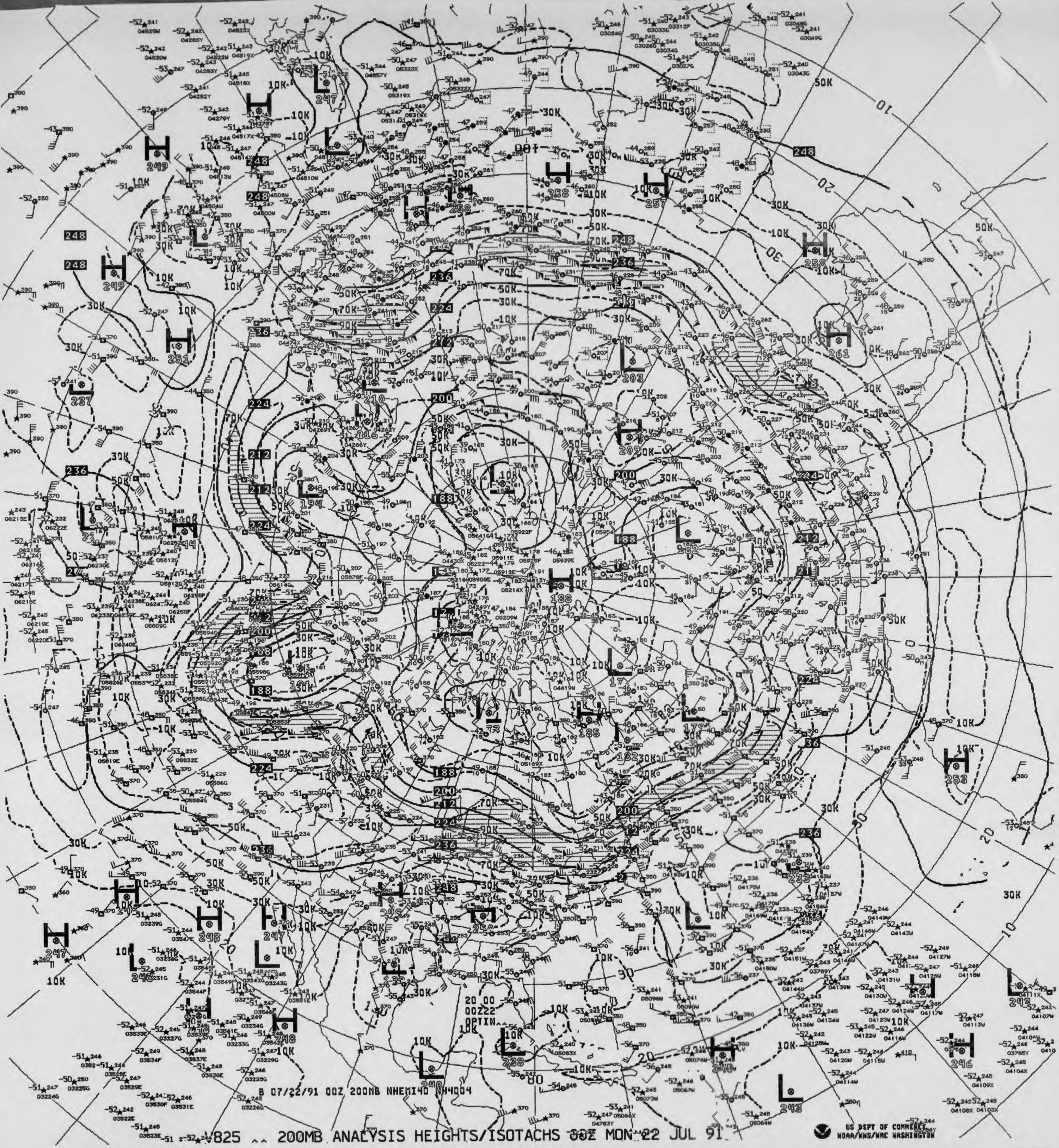
00Z21
OPTIN
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z SUN 21 JUL 91


20 00
00Z22
OPTIN^^
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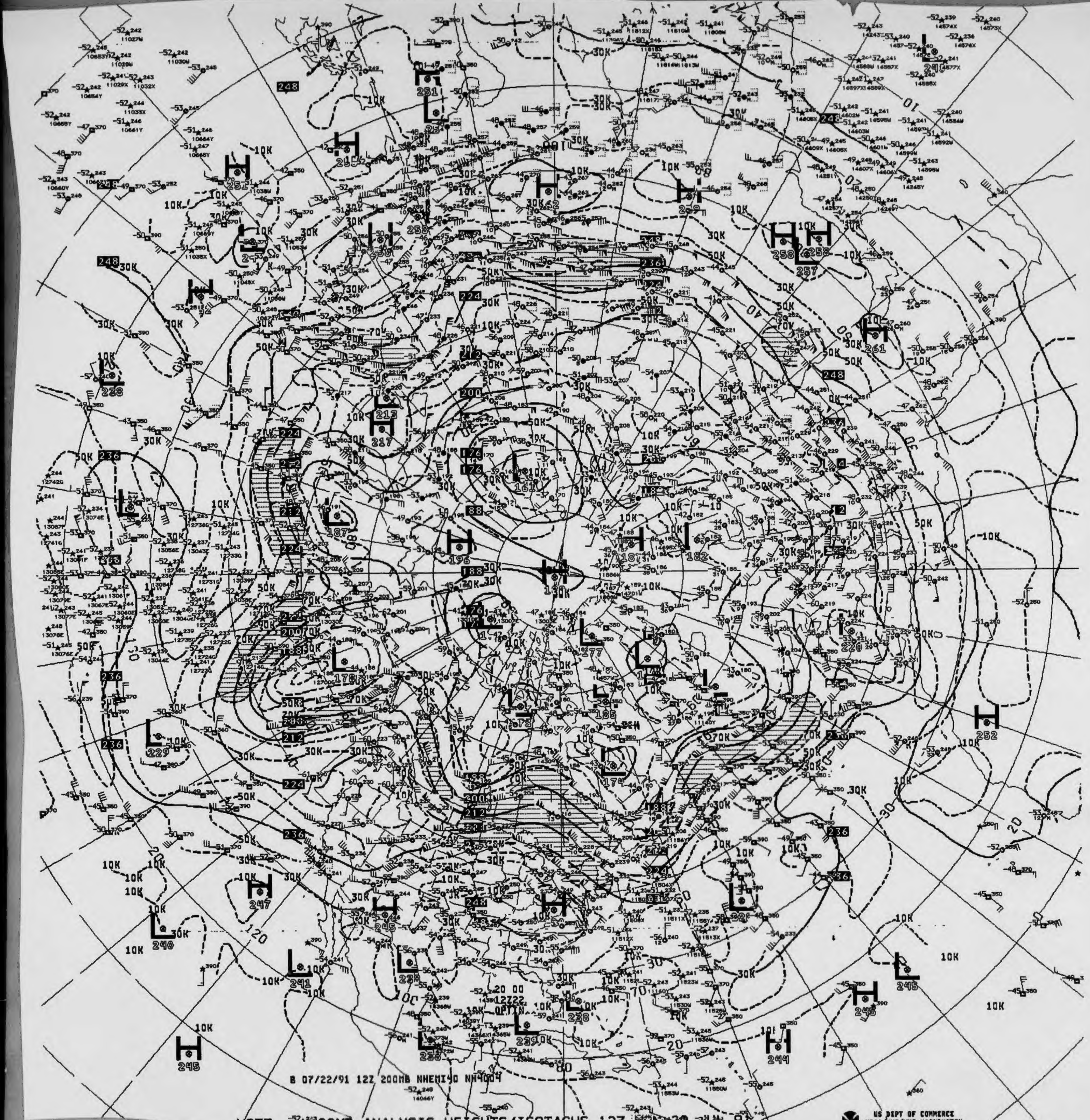
V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 22 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

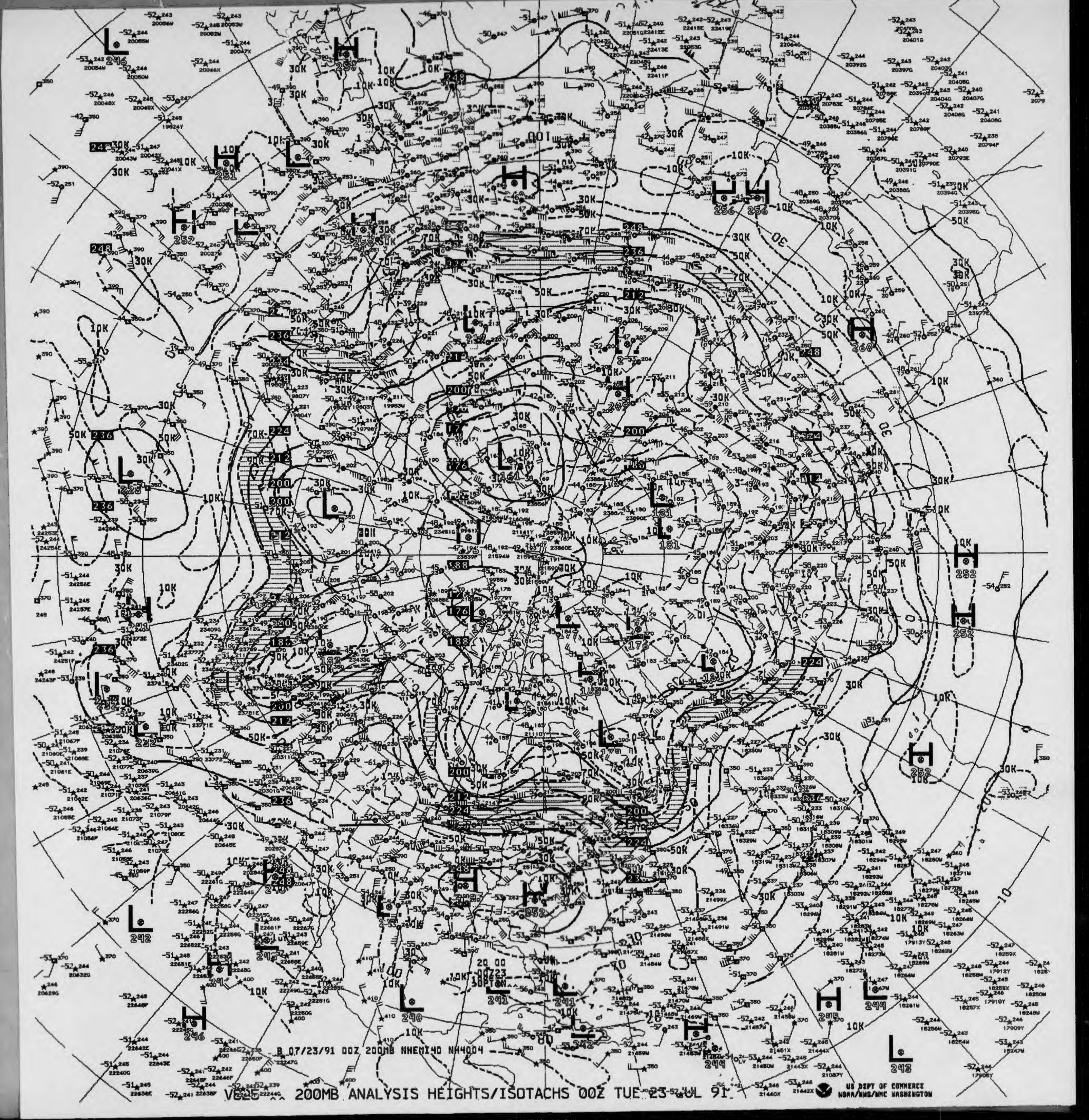


H
L
10K
30K
50K
70K

B 07/22/91 12Z 200MB NHEMI40 NH4004

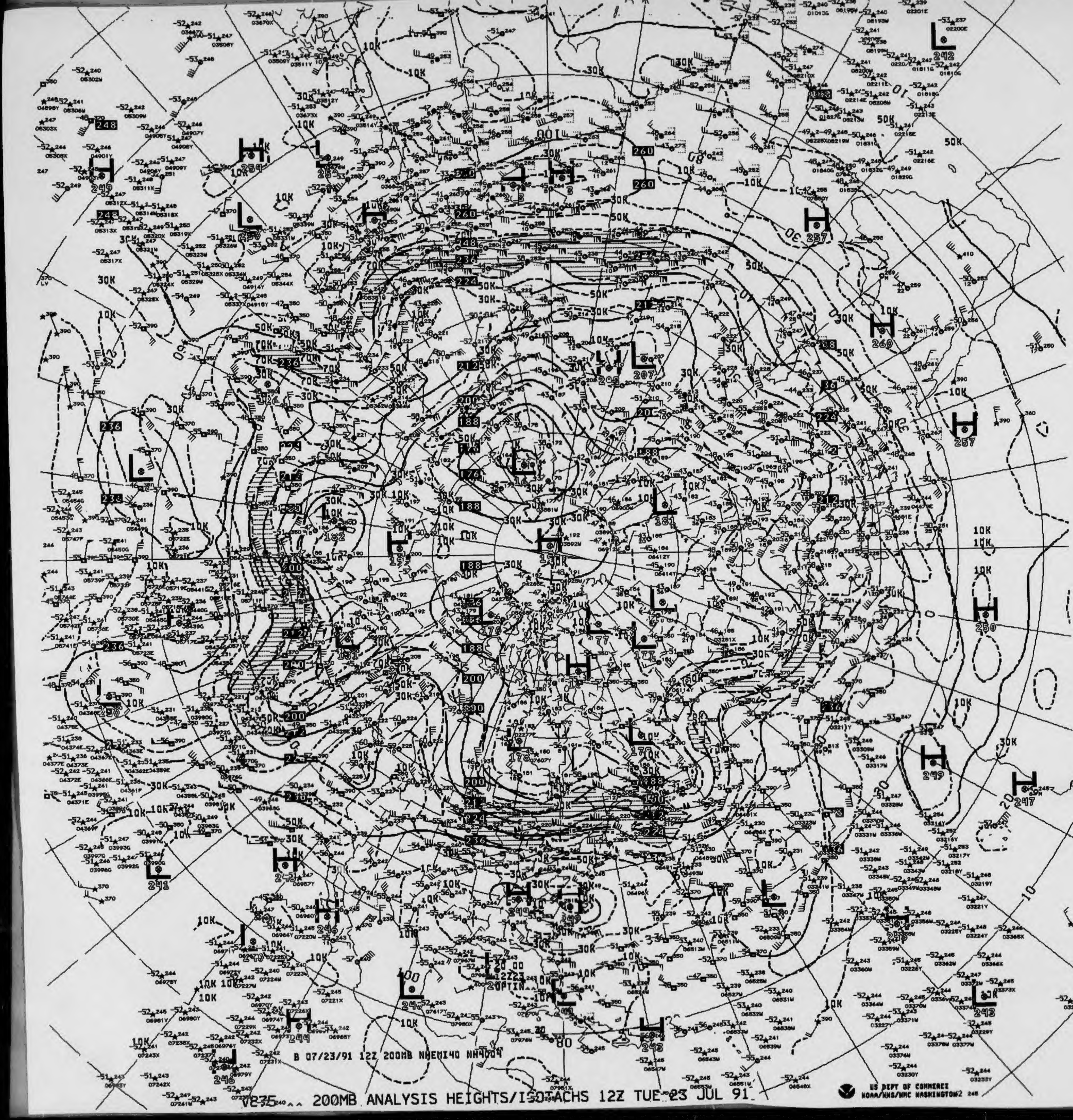
V875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 22 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/23/91 00Z 200MB NHEMI40 NH4004

V825 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 23 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



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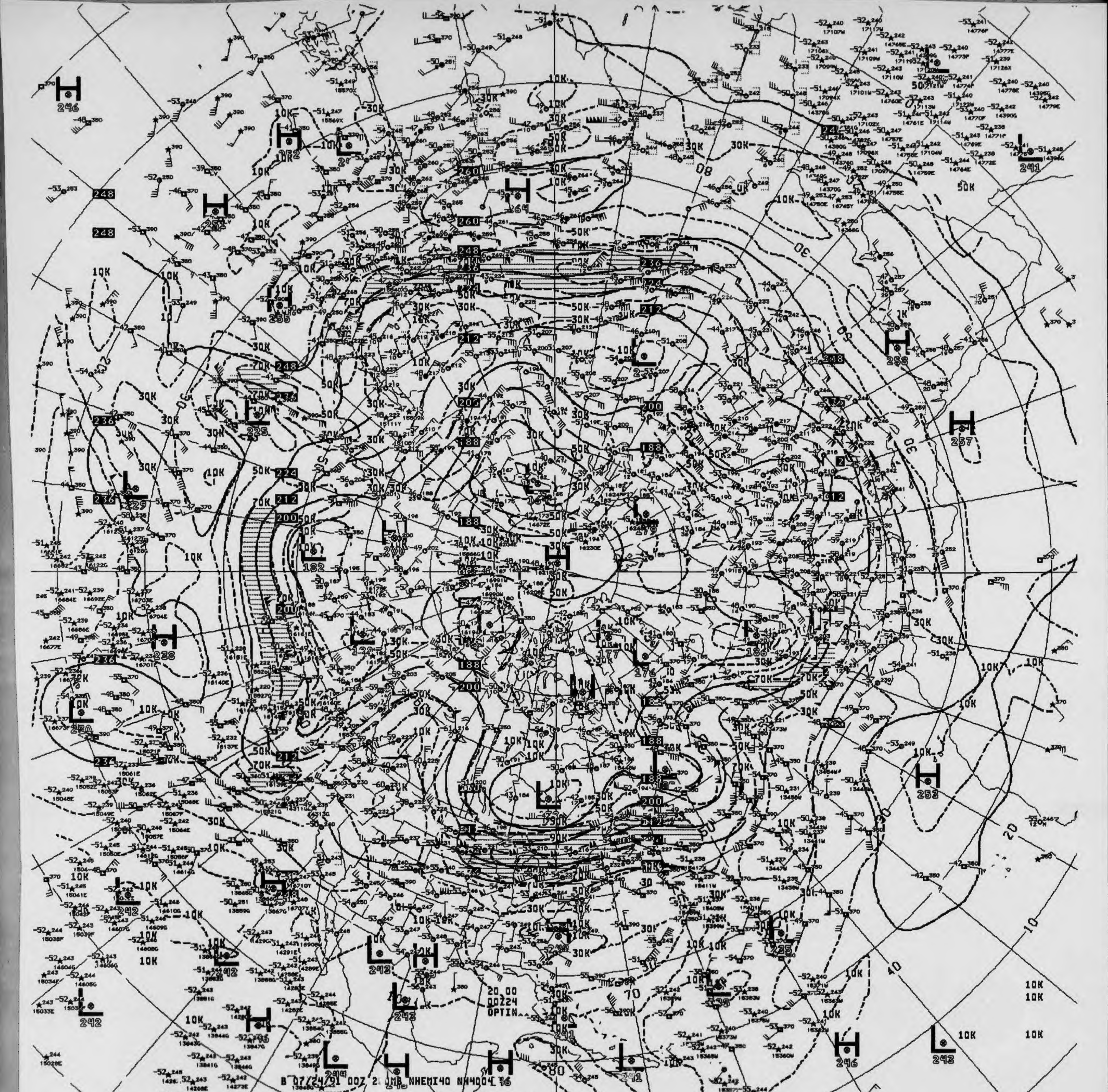
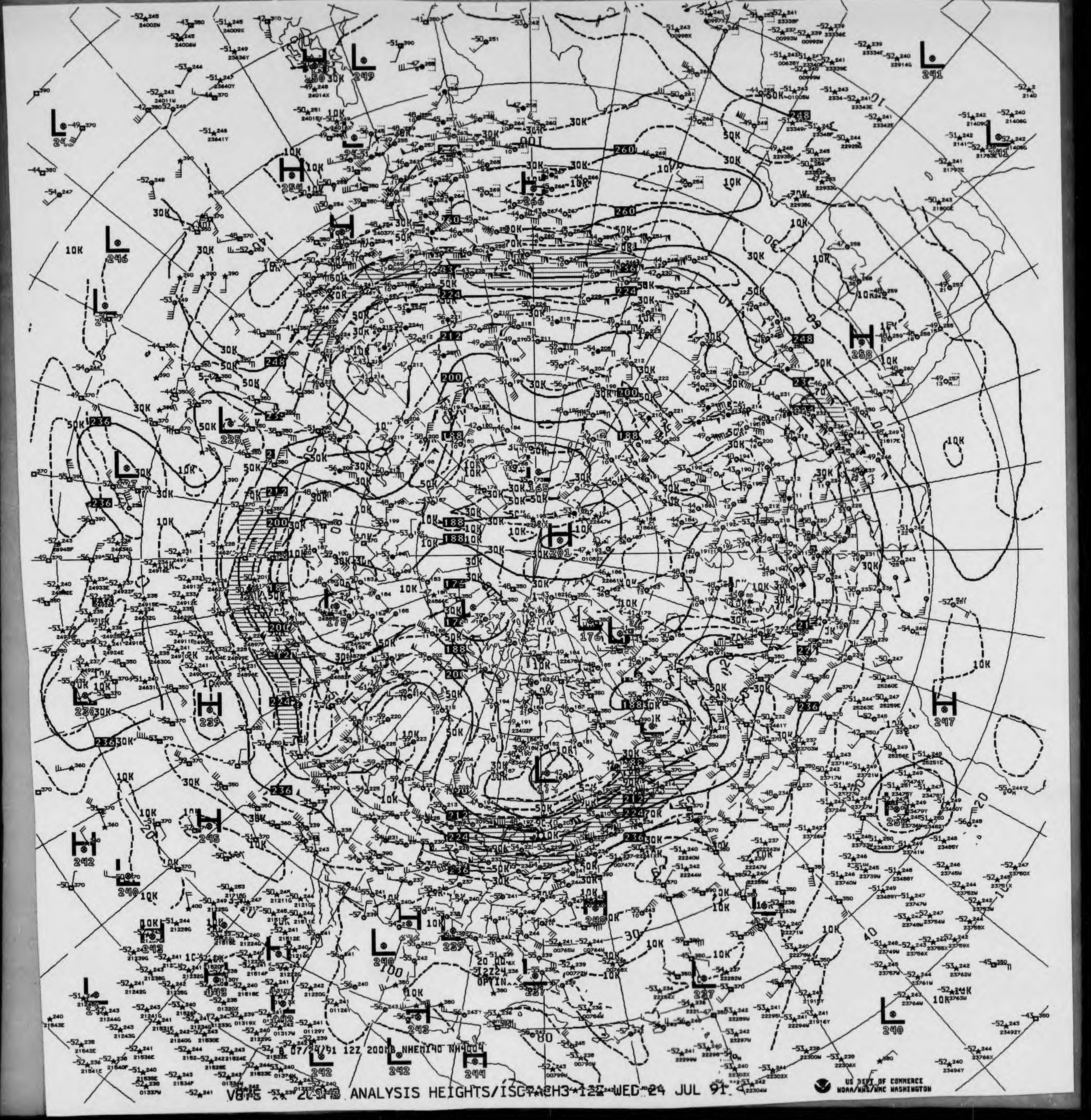
V835 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z TUE 23 JUL 91

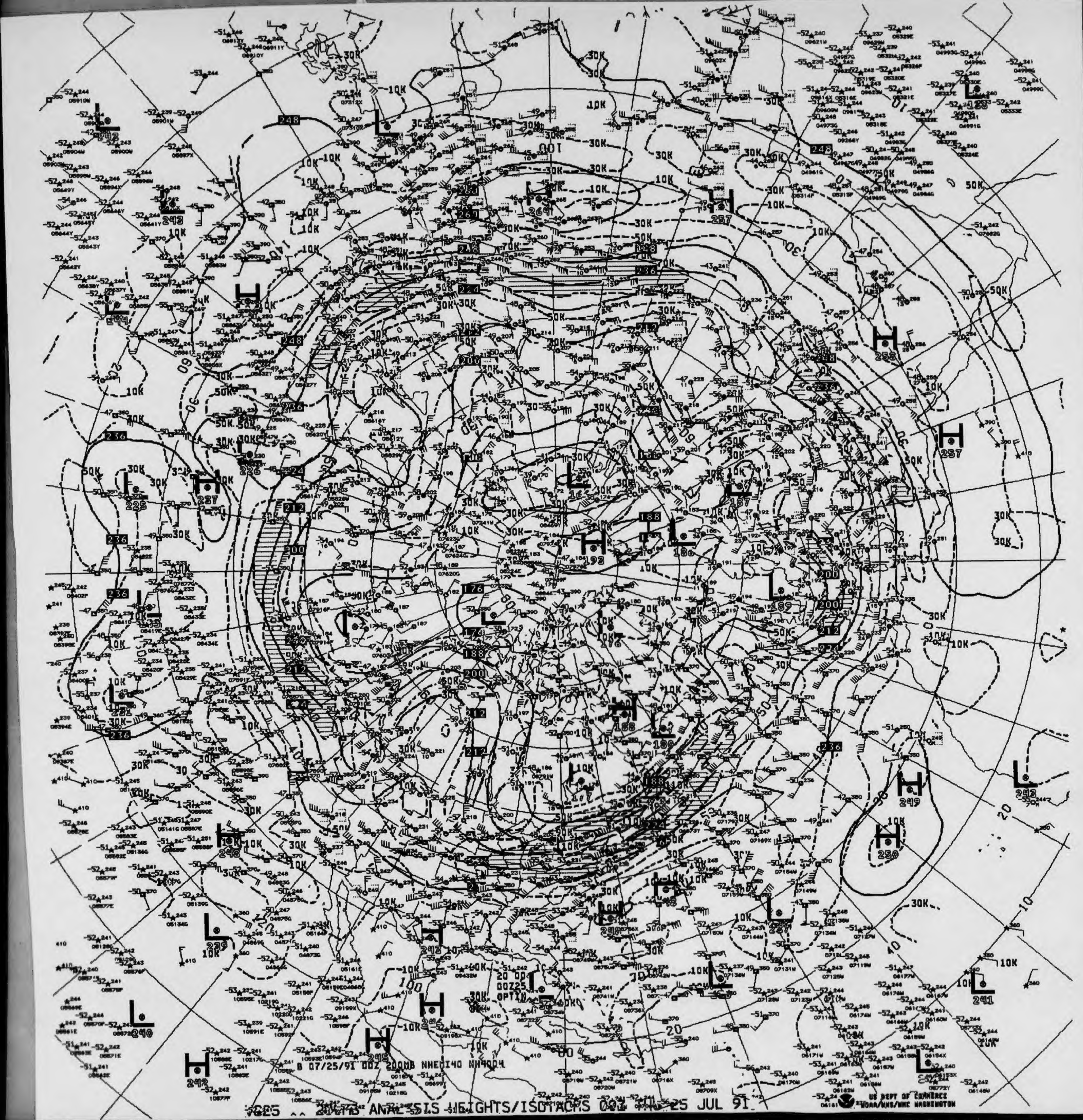
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


20.00
00224
OPTIN
B 07/24/91 00Z 200MB NHEMI40 NH4004 16

V825 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 24 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

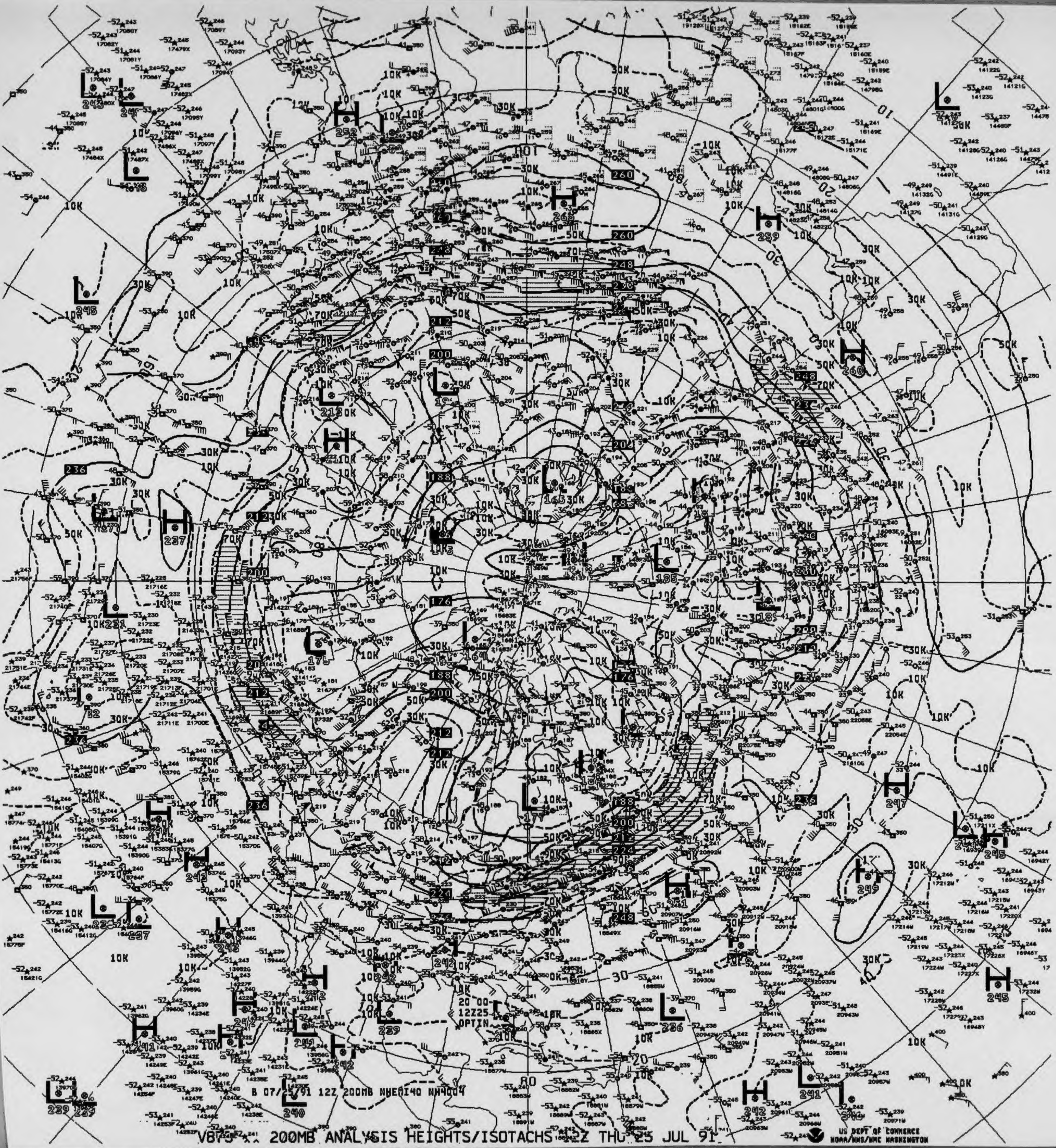

8 07/24/91 12Z 200MB NHEMI40 NH4004
V8PS 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 24 JUL 91
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/25/91 00Z 200MB NHEMI40 NN4004

G25 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z THU 25 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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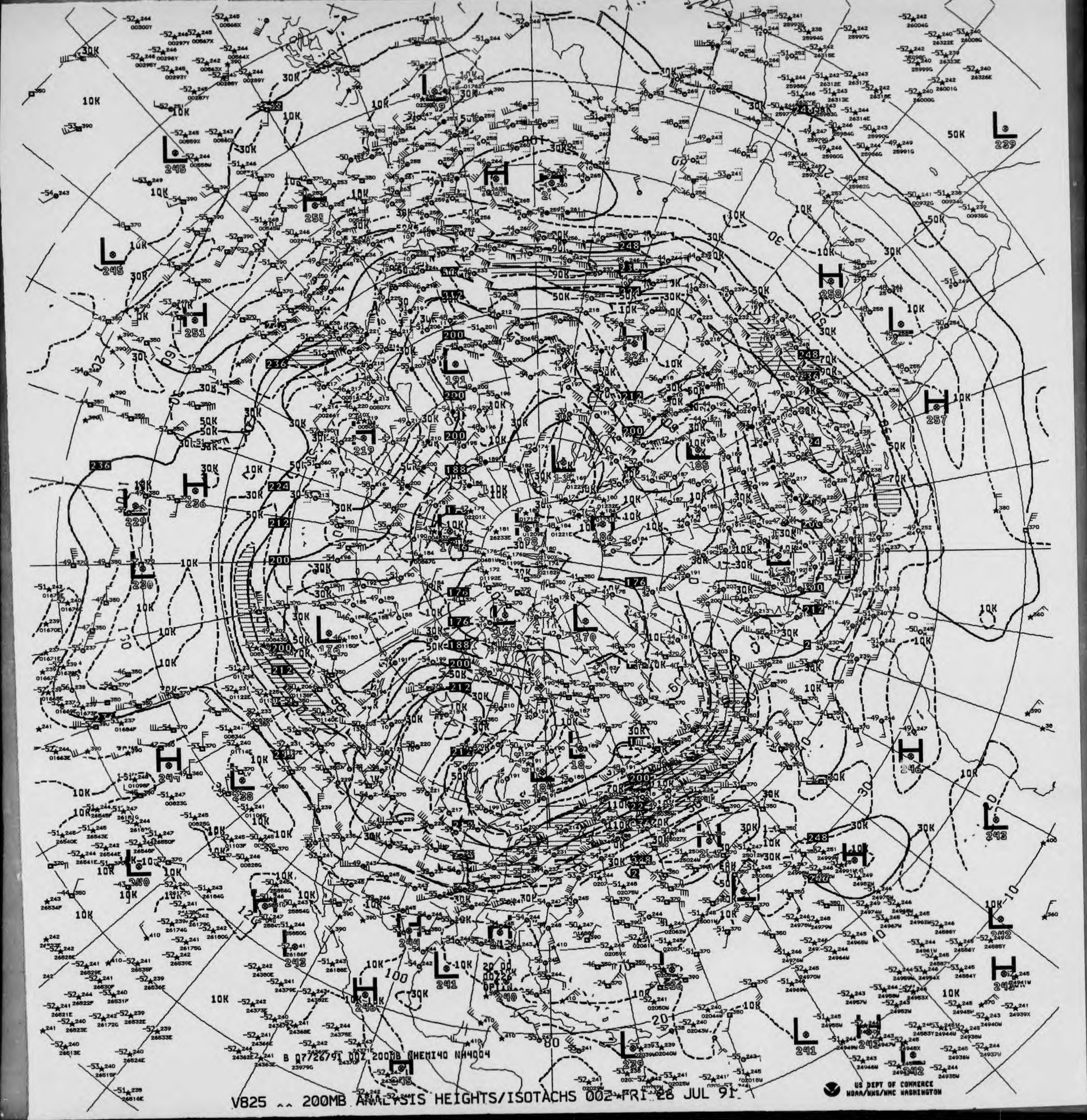
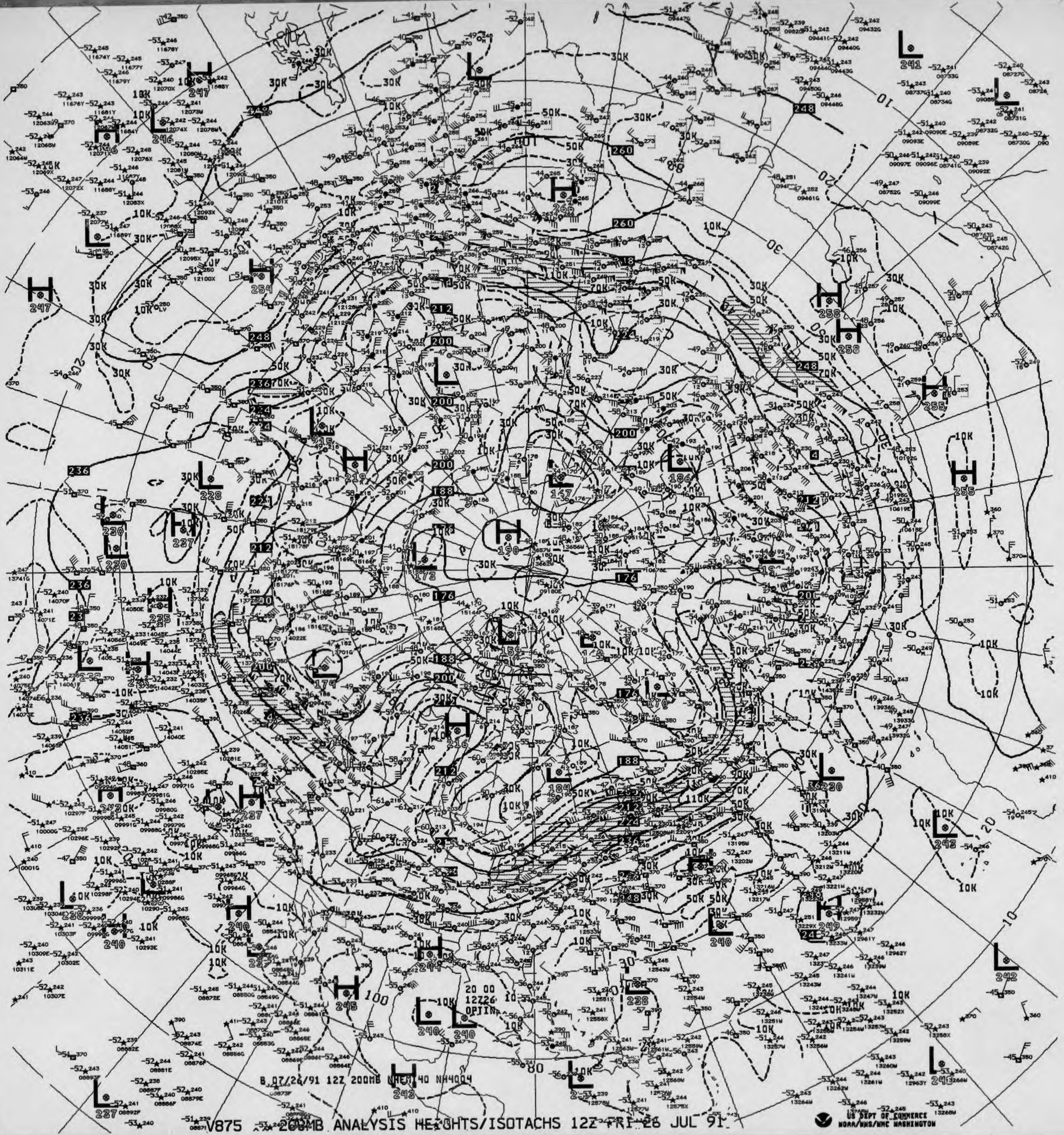
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



B 07/26/91 00Z 200MB NHEMI40 NN4004

V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z FRI 26 JUL 91

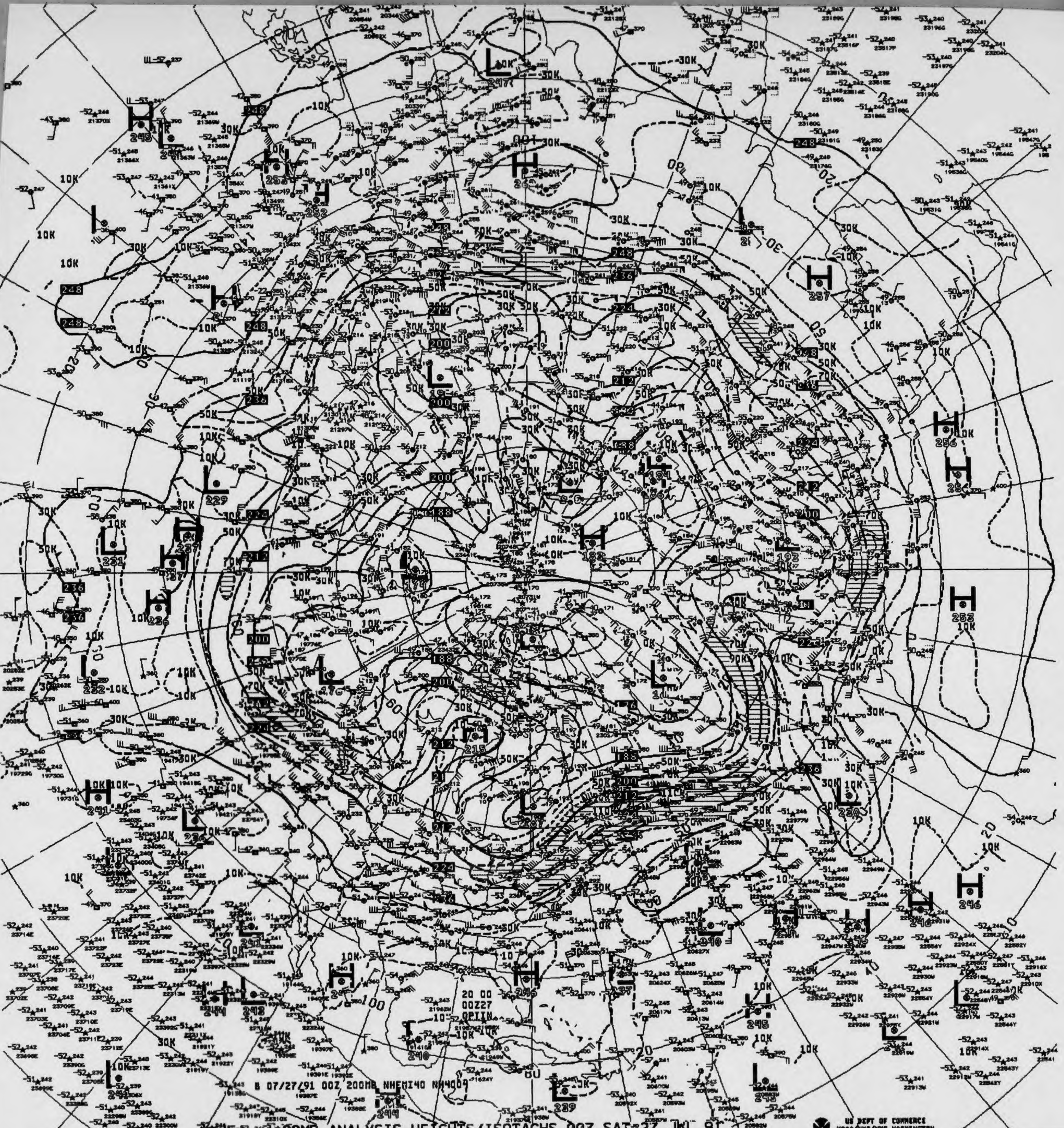
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



20 00
12Z26
OPTIN
B 07/26/91 12Z 200MB NHEM 40 NH4004

V875 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z FRI 26 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON



8 07/27/91 00Z 200MB NHEMI40 NH4004

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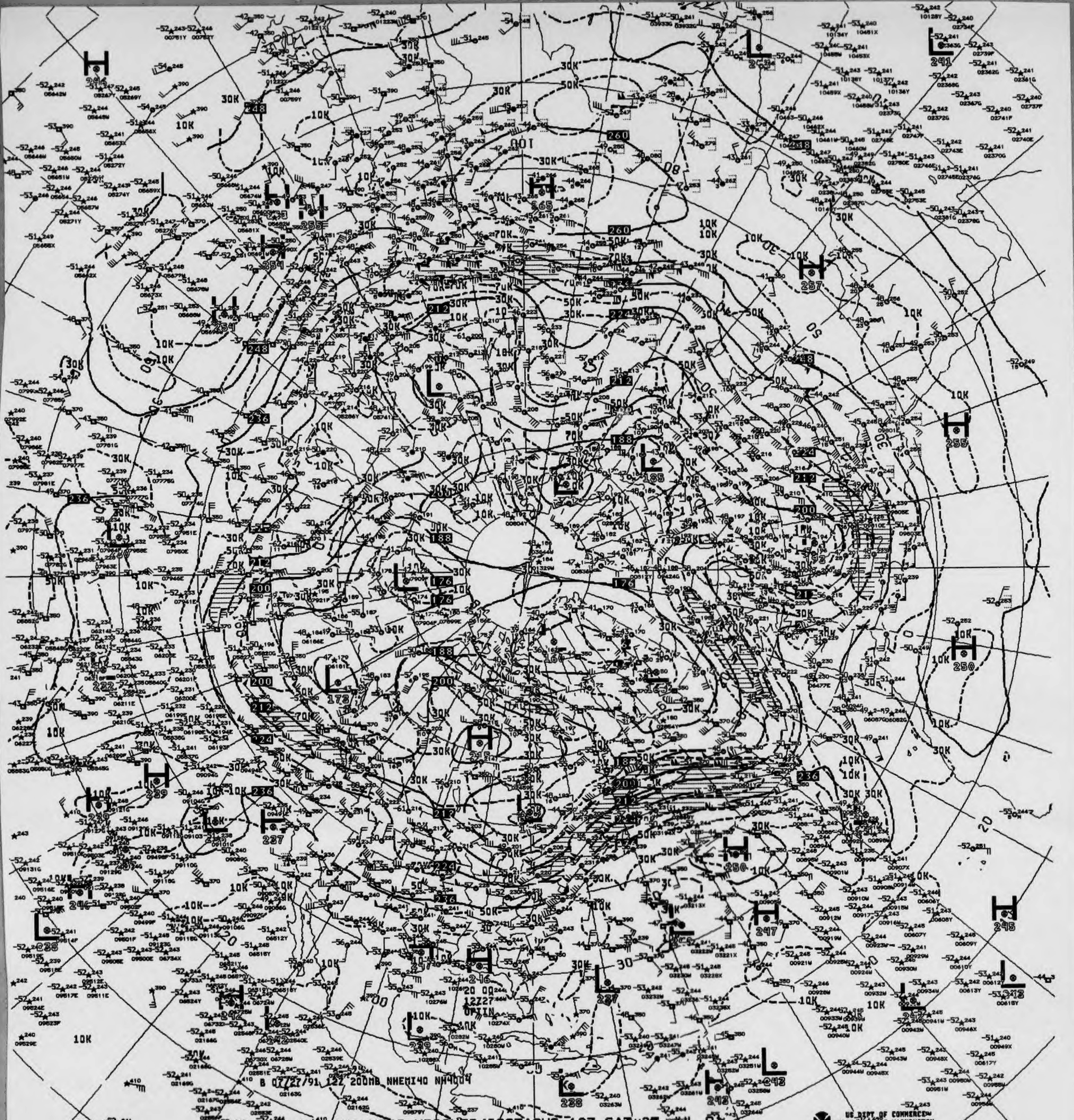
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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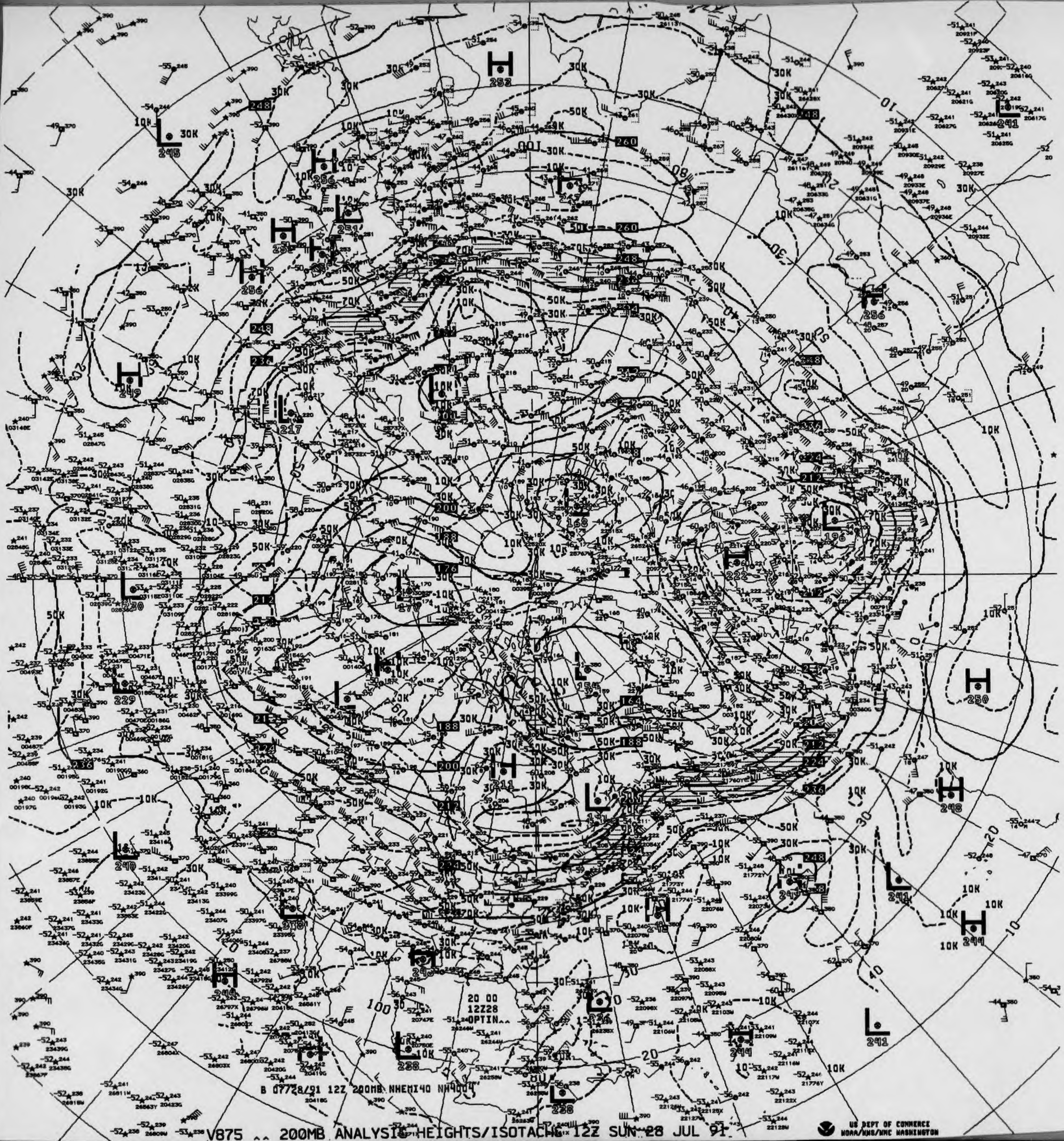
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


20 00
12Z28
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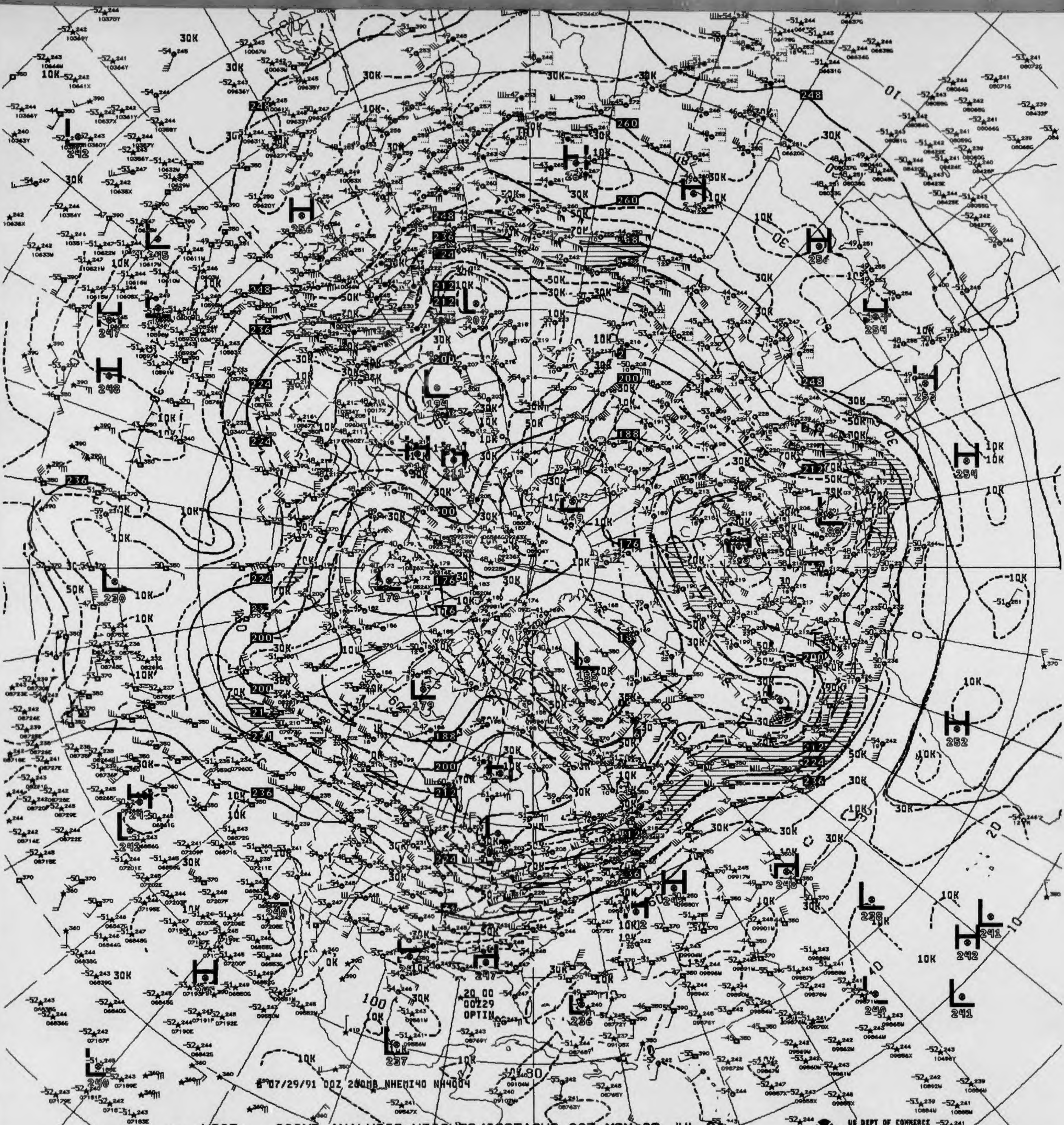
B 07728/91 12Z 200MB NHEMI40 NH4004

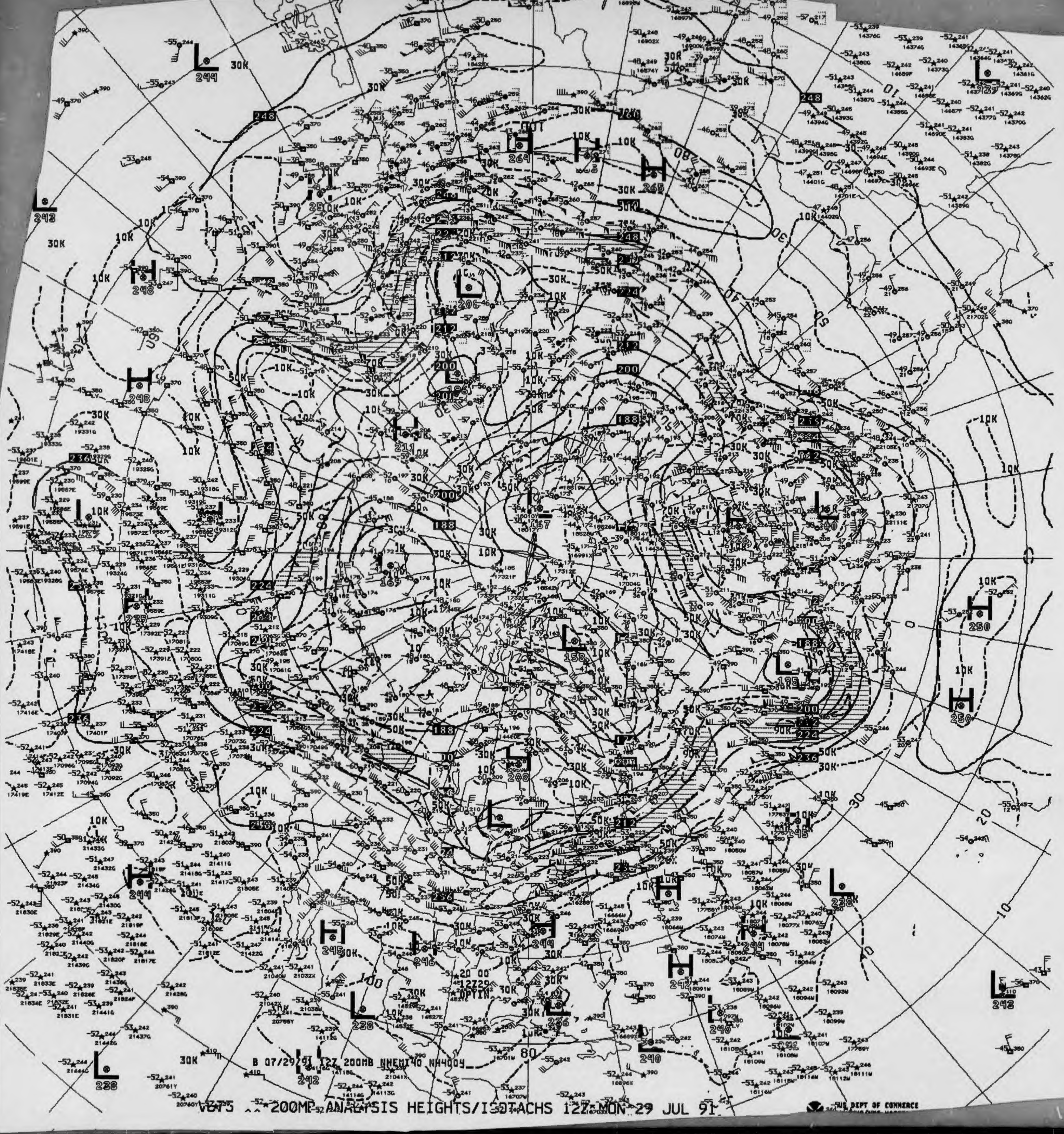
V875 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z SUN 28 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


8 07/29/91 00Z 200MB NHEMI40 NH4004
20 00
00Z29
OPTIN

V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z MON 29 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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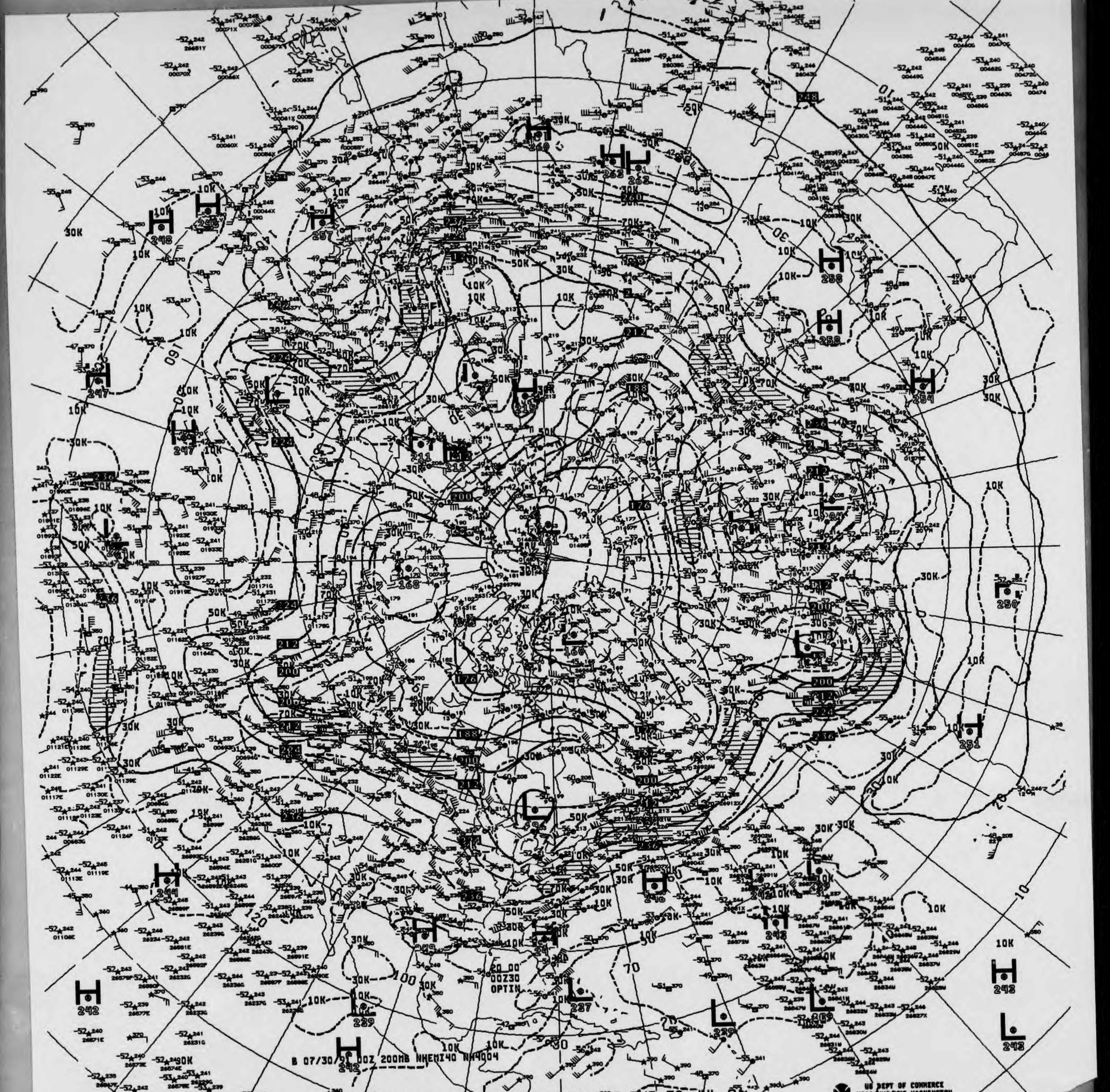
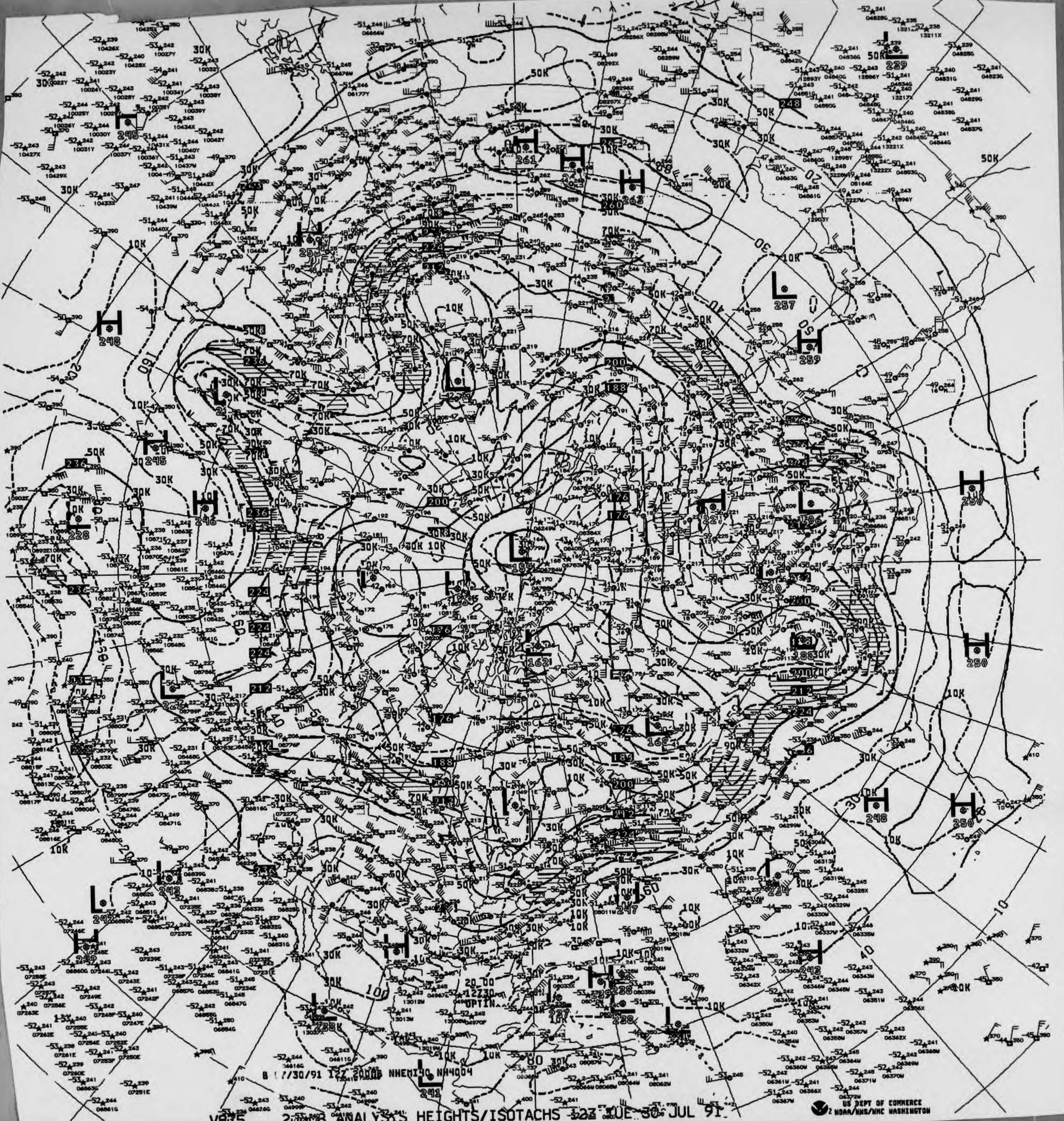
US DEPT OF COMMERCE

VBTS ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z MON 29 JUL 91


B 07/30/91 00Z 200MB NHEMI40 NH4004
00Z30
OPTIN

V825 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z TUE 30 JUL 91

US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON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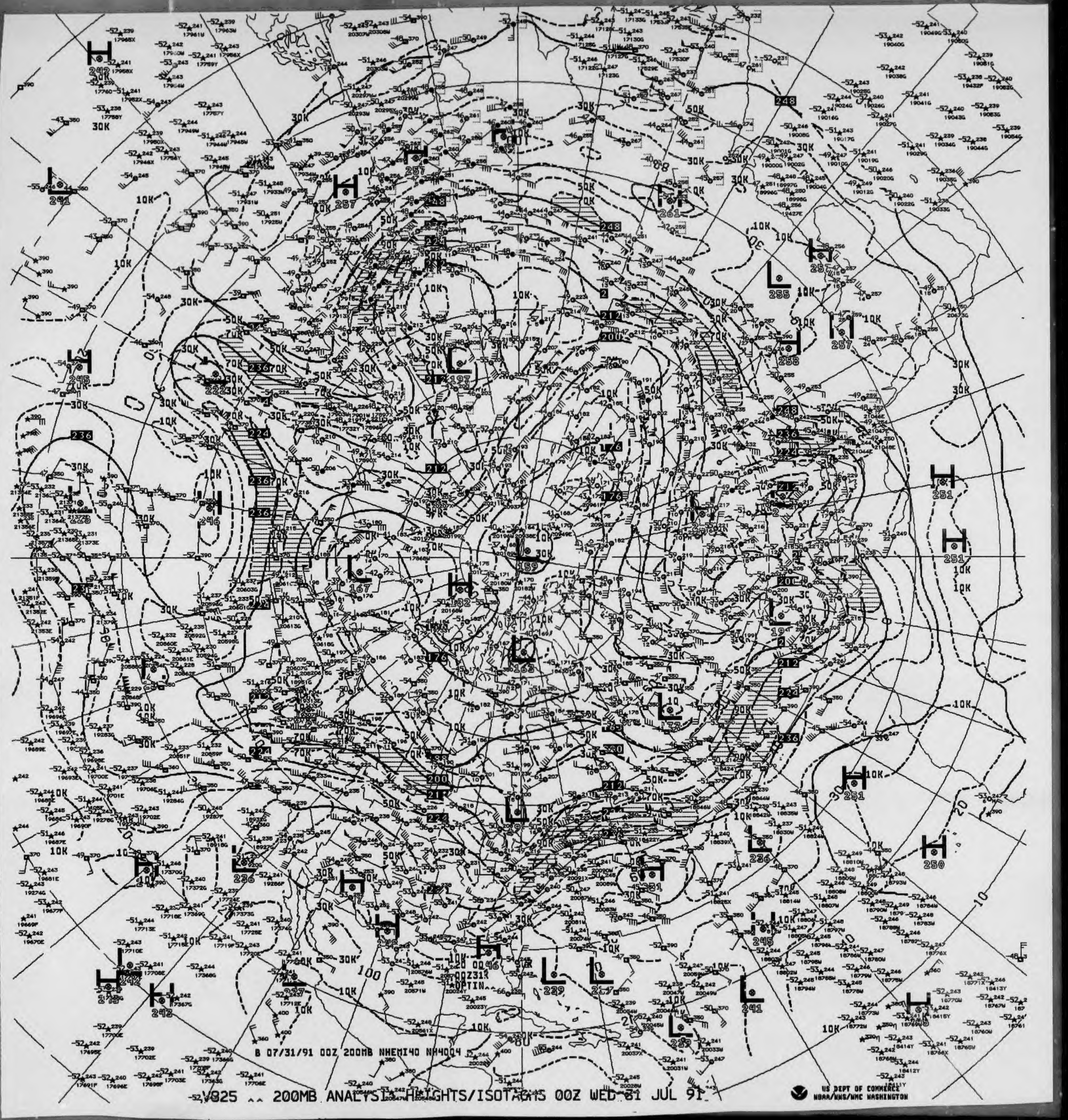
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON


B 07/31/91 00Z 200MB NHEMI40 NM4004
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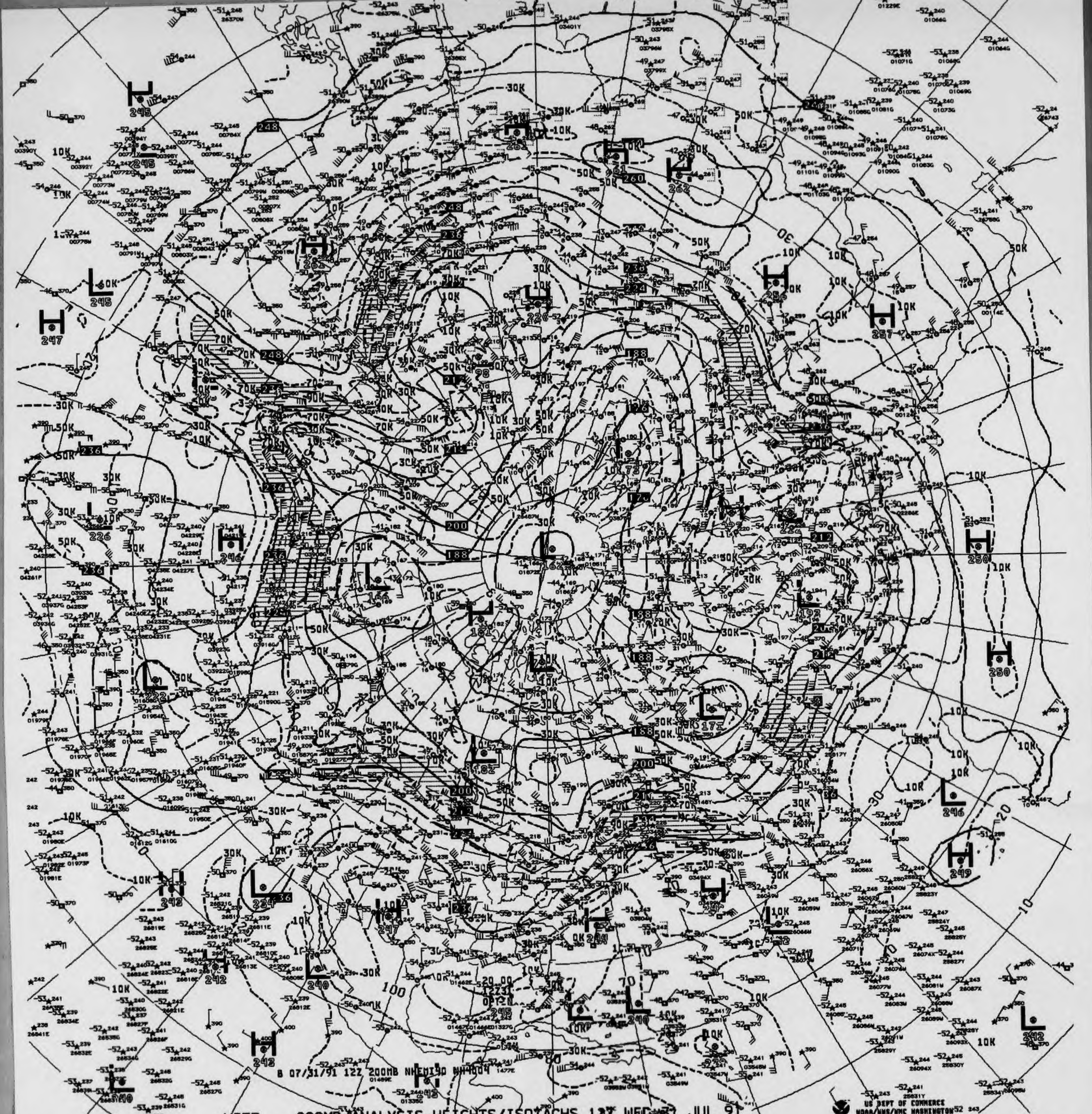
OPTIN
US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V925 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 00Z WED 31 JUL 91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US DEPT OF COMMERCE
NOAA/NWS/NMC WASHINGTON

V875 ^^ 200MB ANALYSIS HEIGHTS/ISOTACHS 12Z WED 31 JUL 91